



creative emotions

Efcolor/Enamel



Effective from 01.02.2014

Chapter 143
GB



Step 1:

Vorderseite mit Schleifblock säubern.

Passer sur l'objet en cuivre avec le bloc à poncer.

Clean the front with an abrasive block.

Pulire la faccia anteriore dell'oggetto da smaltare usando una cote.



Step 2:

Gleichmäßig deckend mit EFCOLOR-Farbschmelzpulver bestreuen.

Saupoudrer régulièrement l'objet de poudre EFCOLOR.

Sprinkle evenly with EFCOLOR coloured enamelling powder to cover.

Cospargere la faccia anteriore di smalto a fuoco EFCOLOR in modo da coprire omogeneamente tutta la superficie.



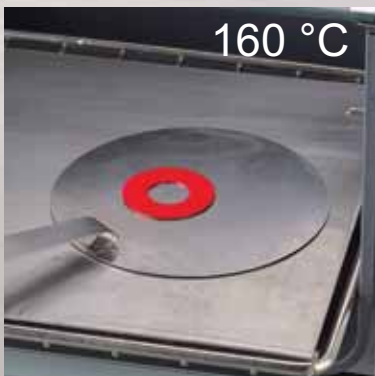
Step 3:

Auf die Brennplatte legen.

Le poser sur le support de cuisson.

Lay object on the firing plate.

Posare l'oggetto sul ripiano refrattario.



Step 4:

In den vorgeheizten Backofen stellen.

Enfourner dans le four préchauffé.

Place in the preheated oven.

Posare quest'ultimo nel forno casalingo preriscaldato.



Step 5:

Nach 3-5 Min, mit Hilfe einer Holzwäscheklammer oder eines Topflappens aus dem Ofen nehmen.

Après 3-5 mn, le retirer à l'aide d'une pince à linge ou d'une manique.

With the help of a wooden peg or an oven glove remove from oven after 3-5 mins.

Dopo 3-5 minuti estrarre l'oggetto dal forno con l'ausilio di una molletta da bucato in legno o di una presina.



Step 6:

Rückseite mit Schleifblock säubern.

Nettoyer l'envers avec le bloc à poncer.

Clean the back with an abrasive block.

Pulire la faccia posteriore dell'oggetto usando una cote.





Step 7:
Rückseite mit EFCOLOR-Farbschmelz-
pulver bestreuen.

Saupoudrer le verso régulièrement
de poudre EFCOLOR.

Sprinkle EFCOLOR coloured ena-
melling powder onto the back.

Cospargere la faccia posteriore di
smalto a fuoco EFCOLOR.



Step 8:
Auf den Brennstand legen.

Poser sur le support de cuisson.

Lay on the firing stand.

Posare l'oggetto sul supporto in re-
frattario.

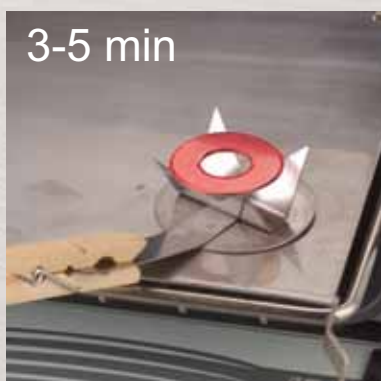


Step 9:
In den vorgeheizten Ofen stellen.

Enfourner dans le four préchauffé.

Place in the preheated oven.

Posare quest'ultimo nel forno casa-
lingo preriscaldato.



Step 10:
Nach 3-5 Min, mit Hilfe einer Holzwä-
scheklammer oder eines Topflappens
aus dem Ofen nehmen.

Après 3-5 mn, le retirer à l'aide d'une
pince à linge ou d'une manique.

With the help of a wooden peg or an
oven glove remove from oven after 3-
5 mins.

Dopo 3-5 minuti estrarre l'oggetto dal
forno con l'ausilio di una molletta da
bucato in legno o di una presina.



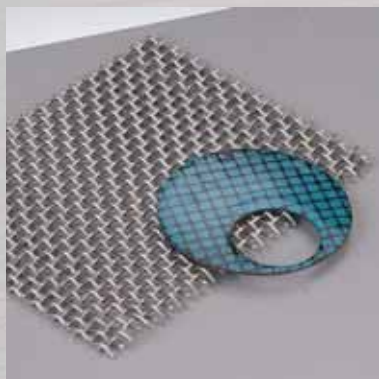
Step 11:
Nach Wunsch mit EfcO Schmucktei-
len kombinieren und montieren.

Selon inspiration, rajouter ou combi-
ner avec des éléments décoratifs.

Combine with EfcO jewellery pieces
as desired and mount.

Abbinare e assemblare i gioielli a
piacimento con articoli di bigiotteria
EfcO.





Gittertechnik

Auf das vorgebrannte Schmuckteil ein Stück Drahtgitter legen. Nun mit einer Kontrastfarbe EFCOLOR dünn aufstreuen, Drahtgitter vorsichtig abheben und erneut im Backofen schmelzen (siehe Grundanleitung).

Technique du « cadrillage »

Poser un morceau de grillage sur le bijou pré-cuit. Choisir une couleur EFCOLOR contrastante et saupoudrer finement le bijou, retirer la grille et recuire comme indiqué sur la notice.

Mesh technique

Lay a piece of wire mesh on the pre-fired jewellery piece. Now sprinkle on a thin layer of a contrasting colour of EFCOLOR. Remove wire mesh carefully and place in the oven again for melting (see basic instructions).

Tecnica a griglia

Posare sull'oggetto presmaltato una griglia di filo metallico. Cospargere l'oggetto di uno strato sottile di smalto EFCOLOR in colore contrasto, rimuovere delicatamente la griglia e ripetere la cottura nel forno casalingo (si vedano le istruzioni di base).



Mullbindentechnik

Ein Stück Mullbinde ungleichmäßig auseinanderziehen, mit wenig Wasser befeuchten und auf das vorgebrannte Schmuckteil auflegen. Dünn mit einer Kontrastfarbe EFCOLOR bestreuen und dann die Mullbinde vorsichtig entfernen. Im Backofen aushärten (siehe Grundanleitung).

Technique du « bandage »

Pendre un bandage et tirer dessus de manière irrégulière, humidifier avec peu d'eau et le poser sur le bijou pré-cuit. Choisir une couleur EFCOLOR contrastante et saupoudrer finement le bijou. Retirer délicatement le bandage. Laisser prendre (durcir) au four. conf. à la notice.

Gauze bandage technique

Pull a piece of gauze bandage to obtain an uneven effect, moisten with a little water and place on the pre-fired jewellery piece. Sprinkle thinly with a contrasting colour of EFCOLOR and then remove the gauze bandage carefully. Harden in the oven (see basic instructions).

Tecnica della garza

Tendere un pezzo di garza in modo disuniforme, inumidirlo con poca acqua e posarlo sull'oggetto presmaltato. Cospargere l'oggetto di uno strato sottile di smalto EFCOLOR in colore contrasto e rimuovere quindi delicatamente la garza. Lasciare indurire in forno (si vedano le istruzioni di base).



Ton in Ton

Zuerst das Schmuckteil komplett mit der gewünschten Grundfarbe bestreuen. Die zweite Farbe dünn und punktuell darüberstreuen und danach im Ofen schmelzen.

Technique du « Ton sur ton »

Recouvrir entièrement la pièce de la couleur de base EFCOLOR. Saupoudrer ensuite parcimonieusement et de manière ponctuelle avec une seconde couleur, puis faire fondre au four.

Shading

First sprinkle the jewellery piece completely with the desired basic colour. Sprinkle on the second colour thinly at certain points and then melt in the oven.

Tono su tono

Cospargere prima completamente l'oggetto da decorare di smalto di base nel colore desiderato. Spargervi sopra in alcuni punti uno strato sottile del secondo colore e fare fondere gli smalti nel forno.

Zur Glittertechnik empfehlen wir folgende Farbkombinationen / Pour la technique « Pailletée » nous conseillons les combinaisons de couleurs comme suit / For the glitter technique we recommend the following colour combinations / Per la tecnica glitter si consigliano i seguenti abbinamenti cromatici:

EFCOLOR-Grundfarbe / Base / Basic colour / Smalto di fondo	EFCOLOR-Glitter / pailleté / glitter / glimmer
rot / rouge / red / rosso	rot / rouge / red / rosso
türkis / turquoise / turqoise / turchese	türkis / turquoise / turqoise / turchese
cognac / cognac / cognac / cognac	kupfer / cuivre / copper / rame
silbergrau / gris argenté / silver-grey / grigio argento	silber / argent / silver / argento
elfenbein / ivoire / ivory / avorio	gold / or / gold / oro



EFCOLOR Glittertechnik

Die Glittereffekte wirken besonders brillant, wenn zuerst die passende Grundfarbe EFCOLOR unterlegt wird. Grundfarbe aufstreuen, EFCOLOR Glitter direkt darüberstreuen und schmelzen.

Technique « Pailletée »

Les effets obtenus sont particulièrement brillants si la couleur de base est judicieusement choisie. Appliquer la couleur de base, puis saupoudrer directement le Glitter EFCOLOR, faire fondre au four.

EFCOLOR glitter technique

The glitter effects have a particularly bright appearance, if a matching basic colour of EFCOLOR is put on first. Sprinkle on basic colour, sprinkle EFCOLOR glitter directly on top and melt.

Tecnica glitter EFCOLOR

Gli effetti glitter risulteranno particolarmente brillanti se prima si sparge lo smalto di fondo EFCOLOR del colore adatto. Spargere lo smalto di fondo, spargervi sopra direttamente il glitter EFCOLOR e fare fondere in forno.



EFCOLOR-Farbschmelzpulver in Kombination mit Color-Dekor

Die vorgebrannten EFCOLOR Teile können mit Color-Dekor nach Wunsch dekoriert werden. Nach dem Trocknen der Color-Dekor Folien werden die Teile nochmals bei 160 °C im Ofen ausgehärtet.

EFCOLOR fondant associé au Color-Dekor

Les pièces précuites peuvent être décorées à volonté avec du Color-Dekor. Une fois la pellicule sèche, les objets sont à nouveau cuits au four à 160 °C.

EFCOLOR coloured enamelling powder combined with Color-Dekor

The pre-fired EFCOLOR pieces can be decorated with Color-Dekor as desired. After the Color-Dekor foils have dried, the pieces are hardened again at 160 °C in the oven.

Smalti a fuoco EFCOLOR in combinazione con Color-Dekor

I pezzi presmaltati con EFCOLOR possono essere decorati a piacimento con le pellicole Color-Dekor. Dopo l'asciugatura delle pellicole Color-Dekor gli oggetti vanno fatti indurire ancora una volta nel forno a 160 °C.



EFCOLOR Folientechnik

Motiv mit Locher aus der Kupferfolie ausstanzen. Plan streichen. Mit EFCOLOR-Farbschmelzpulver einseitig bestreuen und im Ofen aushärten. Kupferrohling nach Anleitung bearbeiten und aushärten. Vorderseite noch einmal dünn mit EFCOLOR bestreuen, Kupferfolienmotiv auflegen und erneut aushärten.

EFCOLOR la technique de la superposition

Pour obtenir le motif, poinçonner la feuille de cuivre en utilisant la perforatrice de votre choix. Etaler à plat puis saupoudrer le motif en cuivre unilatéralement de poudre Efcolor. Laisser durcir au four. Apprêter également le support en cuivre avec Efcolor puis laisser durcir au four en respectant le mode d'emploi. Saupoudrer le support une seconde fois (très finement) sur lequel vous poserez le motif. Repasser le tout au four et laisser durcir.

EFCOLOR Foil Technique

Punch the motif out of the copper foil using a punch. Smooth it until flat. Sprinkle with EFCOLOR coloured enamelling powder on one side and harden in the oven. Work the copper blank according to the instructions and harden. Sprinkle EFCOLOR again thinly on the front, position the copper foil motif and harden again.

Tecnica di smaltatura EFCOLOR con foglio di rame

Ritagliare il soggetto decorativo con la fustella creativa dal foglio di rame e lasciarlo con le mani. Cospargere una faccia del soggetto fustellato con smalti a fuoco EFCOLOR ed eseguire la cottura in forno. Seguendo le istruzioni, lavorare e cuocere in forno la placchetta in rame. Cospargere ancora una volta la faccia anteriore della placchetta con uno strato sottile di EFCOLOR, posarvi sopra il soggetto decorativo di rame e ripetere la cottura in forno.



Effekte / Effets Effects / Effetti



Einlegetechnik

Vorder- und Rückseite des Kupferrohlings nach Grundanleitung bearbeiten und aushärten. Abkühlen lassen. Die Vorderseite noch einmal dünn mit EFCOLOR bestreuen. Die Schmuckteile auflegen und erneut aushärten.

Technique de l'incrustation

Traiter les deux faces de la pièce en cuivre à l'EFCOLOR en respectant les instructions du mode d'emploi. Laisser durcir au four. Après refroidissement, saupoudrer le recto une seconde fois très finement avant d'y poser l'accessoire bijou décoratif. Repasser le tout au four.

Inlay technique

Work the front and back of the copper blank according to the basic instructions and harden. Leave to cool. Sprinkle EFCOLOR again thinly on the front. Position the decorative pieces and harden again.

Tecnica dell'intarsio

Seguendo le istruzioni di base, lavorare e cuocere in forno le facce anteriore e posteriore della placchetta in rame che si desidera decorare. Lasciare raffreddare. Cospargere ancora una volta la faccia anteriore della placchetta con uno strato sottile di EFCOLOR. Posarvi sopra gli articoli di bigiotteria e ripetere la cottura in forno.



Stegtechnik

Vorder- und Rückseite des Kupferrohlings nach Grundanleitung bearbeiten und aushärten. Abkühlen lassen. Die Vorderseite noch einmal dünn mit EFCOLOR bestreuen. Aus EFCO-Aluminiumdraht (1-1,5 mm) gewünschte Motive biegen. Teile auflegen und erneut aushärten.

Technique de l'insertion

Traiter les deux faces de la pièce en cuivre à l'EFCOLOR en respectant les instructions du mode d'emploi. Laisser durcir au four. Après refroidissement, saupoudrer le recto une seconde fois très finement. Modeler par torsion un motif de votre choix avec du fil aluminium EfcO (1-1,5mmØ) que vous poserez sur le recto de la pièce en cuivre. Repasser le tout au four.

Cloisonné technique

Work the front and back of the copper blank according to the basic instructions and harden. Leave to cool. Sprinkle EFCOLOR again thinly on the front. Bend the desired motifs into shape using EFCO-aluminium wire (1 to 1.5 mm). Position the pieces and harden again.

Tecnica dei fili metallici

Seguendo le istruzioni di base, lavorare e cuocere in forno le facce anteriore e posteriore della placchetta in rame che si desidera decorare. Lasciare raffreddare. Cospargere ancora una volta la faccia anteriore della placchetta con uno strato sottile di EFCOLOR. Piegare il filo di alluminio EFCO (1-1,5 mm) in modo da ottenere i soggetti decorativi desiderati. Posare i soggetti decorativi sulla placchetta e ripetere la cottura in forno.



Stenciltechnik mit Stencil-Lift

Vorder- und Rückseite des Kupferrohlings nach Grundanleitung bearbeiten und aushärten. Abkühlen lassen. Weitere Anleitung siehe Steps.

Technique du stencils

Traiter le recto et le verso de la pièce en cuivre à l'EFCOLOR en respectant les instructions du mode d'emploi. Laisser durcir au four. Après refroidissement, consulter le pas à pas ci-dessous pour terminer.

Stencil technique with Stencil-Lift

Work the front and back of the copper blank according to the basic instructions and harden. Leave to cool. For further instructions see Steps.

Tecnica dello stencil

Seguendo le istruzioni di base, lavorare e cuocere in forno le facce anteriore e posteriore della placchetta in rame che si desidera decorare. Lasciare raffreddare. Per le ulteriori istruzioni, vedere i vari step sotto illustrati.



MADE IN GERMANY



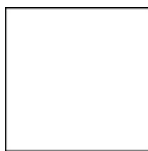
Innovationspreis
Prix de l'innovation
Innovation Award
Premio dell'innovazione
Creative Impulse 2010
Kreatives Produkt des Jahres
Produit créatif de l'année
Creative product of the year
Prodotto creativo dell'anno

Cold Enamel 150°C



EFCOLOR

Farbkarte / Nuancier / Colour chart



01 / white



02 / ivory-coloured



06 / sand



07 / yellow



00 / colourless transparent



28 / red transparent



47 / blue transparent



95 / gold transparent



08 / golden yellow



14 / orange



27 / strawberry



28 / red

EfcOLOR transparent:

93 701 .. EfcOLOR, 10 ml

SQ: 5 pc

93 711 .. EfcOLOR, 25 ml

SQ: 3 pc



29 / dark red



32 / light pink



33 / old rose



35 / bright pink



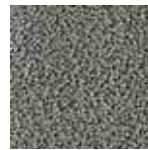
43 / violet



47 / blue texture



63 / green texture



77 / brown texture



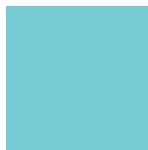
36 / mallow



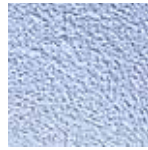
42 / mauve



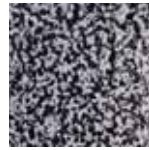
45 / turquoise



46 / light turquoise



84 / grey texture



89 / black texture



91 / silver texture



95 / gold metallic

:

93 702 .. EfcOLOR, 10 ml

SQ: 5 pc

93 712 .. EfcOLOR, 25 ml

SQ: 3 pc



48 / light blue



49 / pigeon-blue



50 / dark blue



61 / spring-green



28 / glitter red



45 / glitter turquoise



91 / glitter silver



93 / glitter copper



63 / light green



66 / olive



67 / grass-green



68 / dark green



95 / glitter gold



76 / cognac



77 / brown



84 / silvergrey



86 / dark grey



89 / black

EfcOLOR opaque:

93 700 .. EfcOLOR, 10 ml

SQ: 5 pc

93 710 .. EfcOLOR, 25 ml

SQ: 3 pc

EfcOLOR Glitter:

93 703 .. EfcOLOR, 10 ml

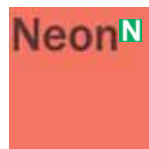
SQ: 5 pc

93 713 .. EfcOLOR, 25 ml

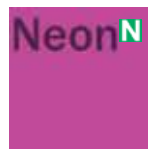
SQ: 3 pc



07 / yellow neon



14 / orange neon



35 / bright pink neon



63 / green neon

EfcOLOR neon colours:

93 704 .. EfcOLOR, 10 ml

N SQ: 5 pc

93 714 .. EfcOLOR, 25 ml

N SQ: 3 pc

EfcOLOR – low temperature enamel powder. Can be used on metal, glass, wood, porcelain, ceramic, stone, and other materials. No kiln required, EfcOLOR hardens at 150 °C and can be fired in a domestic oven, hotplate, or the EfcOLOR tea-light stove. Will withstand temperatures upto 180 °C



Efcolor Acrylic glass stand:

93 715 90 Acrylic glass stand, filled, SQ: 1 pc
Efcolor 10 ml, 36 x 35 x 17 cm,
5 x 4 x 10 = 200 pieces

93 715 91 Acrylic glass stand, filled, SQ: 1 pc
Efcolor 10 ml, 36 x 35 x 17 cm,
5 x 4 x 10 = 200 pieces

Content 93 715 90:

Acrylic glass stand with header
10x 93 700 01/02/06/07/14/27/28/42/45/50/61/67/76/84/89
10x 93 703 28/45/91/93/95
50 brochures

Content 93 715 91:

Acrylic glass stand with header
10x 93 700 08/29/32/33/35/36/46/48/49/63/66/68/77/86
10x 93 702 47/63/77/84/89/91
50 brochures



Efcolor paint set:

93 717 10 Efcolor color set, 10 x 10 ml SQ: 3 pc

Content:

10 colours assorted
2 sieve tops
3 blanks
3 eyes
instructions

Efcolor Acrylic glass stand 25ml:

93 715 95 Acrylic glass stand, filled, Efcolor SQ: 1 pc
25 ml, 36 x 35 x 17 cm, 4 x 7 x 6
= 168 pieces

Content:

6x 93 710 01/02/06/07/14/27/28/29/33/35/42/45/46/49/50/61/66/
67/76/77/84/86/89
6x 93 713 28/45/91/93/95
50 brochures



MADE IN GERMANY

Efcolor Cold Enamel



Display stand Efcolor:

93 715 99 Display stand Efcolor, filled, b SQ: 1 pc
34,5 t 23 h 45 cm, 30 x 10 pcs. /
10 ml

Content:

10x 93 700 01/07/08/14/28/29/32/33/35/42/45/48/50/63/67/68/7
7/84/89
10x 93 701 00/28/47/95
10x 93 702 43/47/63/77/84/89/91/95
50 brochures



Efcolor stove set:

93 717 06 Efcolor stove set, ø 145 mm SQ: 1 pc

EFCOLOR Kiln Set Contents:

1 kiln with lid ø 145 mm, 3 tea lights, 1 firing plate, 1 firing stand, 1 twee-
zers, 2 U-shaped bars, 1 spatula



01



02




03







04



Tools for Efcolor jewellery set:

93 720 06 Tools f. Efcolor jewellery set, U-strips, spatula, firing stand, 5 parts  SQ: 3 Box

Efcolor jewellery sets:

- 93 725 01** Efcolor jewellery set, Necklace part bellflower, 1 pc  SQ: 2 Box
- 93 725 02** Efcolor jewellery set, Nacklace part maritime, 1 pc  SQ: 2 Box
- 93 725 03** Efcolor jewellery set, Necklace part crown, 1 pc  SQ: 2 Box
- 93 725 04** Efcolor jewellery set, Necklace part edelweiss, 1 pc  SQ: 2 Box

Jewellery sets complete with instructions.
Tool 93 720 06 is a suitable accessory.





05



09



06



10



07



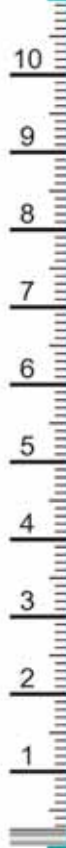
11



08





12




Efcolor jewellery sets:


93 725 05 Efcolor jewellery set, Bracelet, 1 pc  SQ: 2 Box


93 725 06 Efcolor jewellery set, Eardrops, 2 pc  SQ: 2 Box


93 725 07 Efcolor jewellery set, Key fob bicycle, 1 pc  SQ: 2 Box


93 725 08 Efcolor jewellery set, Key fob giraffe, 1 pc  SQ: 2 Box

Efcolor jewellery sets:

93 725 09 Efcolor jewellery set, Key fob dragon, 1 pc  SQ: 2 Box

93 725 10 Efcolor jewellery set, Necklace part rose, 1 pc  SQ: 2 Box

93 725 11 Efcolor jewellery set, Pendant heart, 1 pc  SQ: 2 Box

93 725 12 Efcolor jewellery set, Pendant butterfly, 1 pc  SQ: 2 Box

Jewellery sets complete with instructions.
Tool 93 720 06 is a suitable accessory.



Adhesive for Efcolor:

93 718 01 Adhesive for Efcolor, 20 ml SQ: 6 pc

For the application of Efcolor powder on vertically sided objects.



Sieve top:

93 719 03 Sieve tops, \varnothing 20 mm, 3 pcs. SQ: 5 pc

93 719 20 Sieve tops, \varnothing 20 mm SQ: 20 pc



51



52

Sieve top:

99 401 51 Sieve tops, \varnothing 36 mm, 2 pcs. SQ: 5 bag

99 401 52 Sieve tops, \varnothing 36 mm SQ: 10 pc



Abrasive block:

99 403 31 Abrasive block, fine, 50x40x20 mm SQ: 1 pc



silver



silver

Aluminium wire:

99 451 91 Aluminium wire, \varnothing 1 mm, 5 m / SQ: 5 pc
~ 11 g

99 451 93 Aluminium wire, \varnothing 1,5 mm, 5 m / SQ: 5 pc
~ 24 g

99 452 01 Aluminium wire, \varnothing 2 mm, 2 m / SQ: 5 pc
~ 17 g

99 452 05 Aluminium wire, \varnothing 2,5 mm, 2 m / SQ: 5 pc
~ 26 g

99 452 03 Aluminium wire, \varnothing 3 mm, 2 m / SQ: 5 pc
~ 38 g



U-strip:

93 719 01 U-strip, b 32 t 22 h 5 mm, 2 pcs. SQ: 5 pc

93 719 02 U-strip, b 32 t 22 h 5 mm SQ: 10 pc





01



09

Firing metal sheet with handle:

93 720 01 Firing metal sheet with handle, Ø 106 mm SQ: 3 pc

93 720 09 Firing metal sheet with handle, Ø 148 mm SQ: 3 pc



02



03



04



05

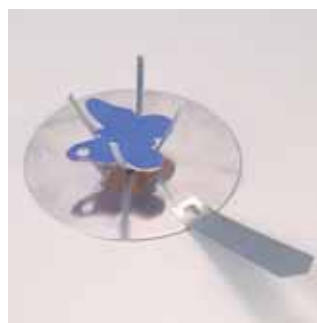
Firing stand with handle:

93 720 02 Firing stand with handle, for small parts, 1 section, Ø 50 mm SQ: 3 pc

93 720 03 Firing stand with handle, for small parts, 4 sections, Ø 106 mm SQ: 3 pc

93 720 04 Firing stand with handle, for parts 10-50 mm, 1 section, Ø 83 mm SQ: 3 pc

93 720 05 Firing stand with handle, for parts 35-80 mm, 1 section, Ø 84 mm SQ: 3 pc



Tools for Efcolor jewellery set:

93 720 08 Firing stand with handle, universal, 10 – 70 mm, Ø 83 mm SQ: 3 pc



91



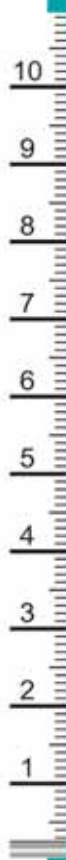
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Spatula / Tool set:

99 412 91 Spatula, with wooden grip, 160 mm SQ: 1 pc

93 719 30 Tool set for Efcolor, U-strip big + small, spatula, 3 parts SQ: 5 bag

Stands for enamel backing for real enamel with stainless steel (see page 143.67)





05



06



07



08



01



02



03



04



09



10



11



12

Copper blanks for enamel SB:

- 90 050 01 Pendant, donut without hole, ø 35 mm, 2 pc SQ: 5 pc
- 90 050 02 Pendant, donut 1-hole, 2 eyes, ø 35 mm, 2 pc SQ: 5 pc
- 90 050 03 Pendant, donut 2-hole, 4 eyes, ø 35 mm, 2 pc SQ: 5 pc
- 90 050 04 Pendant, heart with key 1-hole 4 eyes, 28 x 26 mm, 2 pc SQ: 5 pc

Copper blanks for enamel SB:

- 90 050 05 Pendant, heart with key 2-hole 6 eyes, 28 x 26 mm, 2 pc SQ: 5 pc
- 90 050 06 Pendant, oval 1-hole, 2 eyes, 41 x 31 mm, 2 pc SQ: 5 pc
- 90 050 07 Pendant, oval 2-hole, 4 eyes, 41 x 31 mm, 2 pc SQ: 5 pc
- 90 050 08 Pendant, leaf 1-hole, 2 eyes, 42 x 31 mm, 2 pc SQ: 5 pc
- 90 050 09 Pendant, leaf 2-hole, 4 eyes, 42 x 31 mm, 2 pc SQ: 5 pc
- 90 050 10 Pendant, cross, with loop, 73 x 53 mm, 1 pc SQ: 5 pc
- 90 050 11 Pendant, cross, with loop, 55 x 34 mm, 1 pc SQ: 5 pc
- 90 050 12 Pendant, leaf, 2 eyes, 47 x 13 mm, 2 pc SQ: 5 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



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Copper blanks for enamel SB:

- 90 050 13** Pendant, square 1-hole, 2 eyes, 55 x 55 mm, 2 pc SQ: 5 pc
- 90 050 14** Pendant, square 2-hole, 4 eyes, 55 x 55 mm, 2 pc SQ: 5 pc
- 90 050 15** Pendant, moon 2-hole, 6 eyes, 17 x 46 mm, 3 pc SQ: 5 pc
- 90 050 18** Pendant, round 1-hole, 4 eyes, ø 48 mm, 2 pc SQ: 5 pc
- 90 050 19** Pendant, round 1-hole, 4 eyes, ø 29 mm, 2 pc SQ: 5 pc
- 90 050 20** Pendant, round 1-hole, 4 eyes, ø 35 mm, 2 pc SQ: 5 pc

Copper blanks for enamel SB:

- 90 050 21** Pendant, round 2-hole, 8 eyes, ø 20 mm, 4 pc SQ: 5 pc
- 90 050 22** Pendant, oval 2-hole, 8 eyes, 20 x 13 mm, 4 pc SQ: 5 pc
- 90 050 23** Pendant, rhombus 2-hole, 4 eyes, 47 x 16 mm, 2 pc SQ: 5 pc
- 90 050 24** Pendant, octagonal 2-hole, 8 eyes, 30 x 12 mm, 4 pc SQ: 5 pc
- 90 050 25** Pendant, Jumping jack, with eyes, 60 x 25 mm, 1 pc SQ: 5 pc
- 90 050 26** Pendant, umbrella 2-hole, 4 eyes, 35 x 28 mm, 2 pc SQ: 5 pc



61



62

Copper blanks for enamel SB:

- 90 050 61** Pendant, donut 6-hole, 2 eyes, ø 42 mm, 2 pc SQ: 5 pc
- 90 050 62** Pendant, toggle fastener 5-hole 2 part, ø 42 mm, 1 pc SQ: 5 pc



49

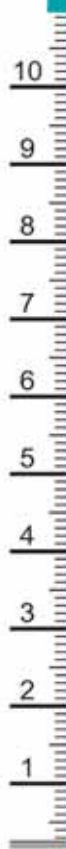


39

Brochure / Poster:

- 89 101 49** Brochure, EfcOLOR, A 5 / 12-seitig SQ: 50 pc
- 89 302 39** Poster, EfcOLOR, 420 x 594 mm DIN-A-2 SQ: 1 pc

All copper items are 0.8 mm thick.
These articles are suitable for EfcOLOR cold enamel powders.





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Copper blanks for enamel SB:

- 90 050 27 Pendant, octagonal 1-hole, 2 eyes, \varnothing 40 mm, 2 pc SQ: 5 pc
- 90 050 28 Pendant, octagonal 2-hole, 4 eyes, \varnothing 40 mm, 2 pc SQ: 5 pc
- 90 050 29 Pendant, oval 1-hole, 2 eyes, 41 x 31 mm, 2 pc SQ: 5 pc
- 90 050 30 Pendant, oval 2-hole, 4 eyes, 41 x 31 mm, 2 pc SQ: 5 pc

Copper blanks for enamel SB:

- 90 050 31 Pendant, oval 1-hole, 2 eyes, 59 x 25 mm, 2 pc SQ: 5 pc
- 90 050 32 Pendant, round 3-hole, 8 eyes, \varnothing 42 mm, 2 pc SQ: 5 pc
- 90 050 33 Pendant, round double 4-hole, 10 eyes, 21 x 27 mm, 4 pc SQ: 5 pc
- 90 050 34 Pendant, round 1-hole, 2 eyes, \varnothing 68 mm, 1 pc SQ: 5 pc
- 90 050 35 Pendant, round cupped 1-hole, 2 eyes, \varnothing 68 mm, 1 pc SQ: 5 pc
- 90 050 59 Pendant, dragonfly, 4 eyes, 38 x 36 mm, 2 pc SQ: 5 pc
- 90 050 37 Pendant, round 1-hole, 2 eyes, \varnothing 42 mm, 2 pc SQ: 5 pc
- 90 050 38 Pendant, round 1-hole, 2 eyes, \varnothing 51 mm, 2 pc SQ: 5 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



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01



02



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03



04

Copper blanks for enamel SB:

- 90 050 39 Pendant, square 1-hole, 2 eyes, 55 x 55 mm, 2 pc SQ: 5 pc
- 90 050 40 Pendant, girl/boy 1-hole, 2 eyes, 50 x 27 mm, 2 pc SQ: 5 pc
- 90 050 42 Pendant, girl/boy 3-hole, 6 eyes, 50 x 27 mm, 2 pc SQ: 5 pc
- 90 050 44 Pendant, oval 1-hole, 2 eyes, 44 x 30 mm, 2 pc SQ: 5 pc

Charms for enamel SB:

- 90 053 01 Pendant with rotat. carabineer, cat, star, dove, h 20 mm, 3 pc SQ: 5 pc
- 90 053 02 Pendant with rotat. carabineer, swallow, heart, carrier-pigeon, h 20 mm, 3 pc SQ: 5 pc
- 90 053 03 Pendant with rotat. carabineer, pig, mushroom, 13, h 20 mm, 3 pc SQ: 5 pc
- 90 053 04 Pendant with rotat. carabineer, feminine, pump, masculine, h 20 mm, 3 pc SQ: 5 pc



01



02



03

Key fob for enamel SB:

- 90 054 01 Key fob, heart, 36 x 39 mm, 1 pc SQ: 5 pc
- 90 054 02 Key fob, oval, 59 x 25 mm, 1 pc SQ: 5 pc
- 90 054 03 Key fob, rectangular rounded corners, 51 x 32 mm, 1 pc SQ: 5 pc



All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



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Copper blanks for enamel SB:

- 90 050 45 Pendant, rectangular 1-hole, 2 eyes, 51 x 32 mm, 2 pc SQ: 5 pc
- 90 050 46 Pendant, rectangular 2-hole, 4 eyes, 51 x 32 mm, 2 pc SQ: 5 pc
- 90 050 47 Pendant, triangle 3-hole, 6 eyes, 40 x 40 mm, 2 pc SQ: 5 pc
- 90 050 63 Necklace part, round cupped, cord alcantara, ø 72 mm, 1 pc SQ: 5 pc

Copper blanks for enamel SB:

- 90 050 50 Pendant, oval 2-hole, 8 eyes, 34 x 24 mm, 4 pc SQ: 5 pc
- 90 050 51 Pendant, oval with hole 2-hole, 8 eyes, 34 x 24 mm, 4 pc SQ: 5 pc
- 90 050 52 Pendant, moon 2-hole, 4 eyes, 51 x 18 mm, 2 pc SQ: 5 pc
- 90 050 53 Pendant, moon 3-hole, 6 eyes, 51 x 18 mm, 2 pc SQ: 5 pc
- 90 050 56 Pendant, heart, cord alcantara, 51 x 40 mm, 1 pc SQ: 5 pc
- 90 050 57 Pendant, butterfly, cord alcantara, 38 x 38 mm, 1 pc SQ: 5 pc
- 90 050 58 Pendant, bird, cord alcantara, 52 x 47 mm, 1 pc SQ: 5 pc
- 90 050 36 Necklace part, round cupped, cord alcantara, ø 68 mm, 1 pc SQ: 5 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



01 / silver-coloured



02 / silver-coloured



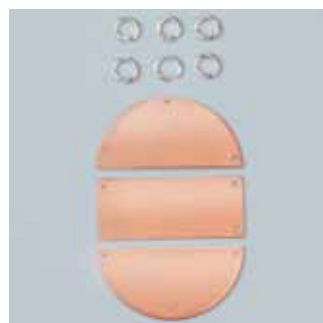
03 / silver-coloured

Ring for enamel SB:

- 90 056 01** Ring blank, square, 19 × 19 mm, 1 pc SQ: 5 pc
- 90 056 02** Ring blank, round, ø 25 mm, 1 pc SQ: 5 pc
- 90 056 03** Ring blank, oval, 25 × 40 mm, 1 pc SQ: 5 pc



01



02



03



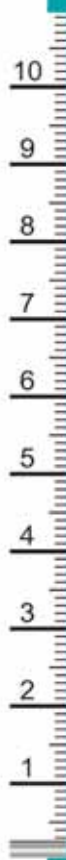
04

Necklace for enamel SB:

- 90 055 01** Necklace part, 3 parts, with eyes, 55 × 40 mm, 1 pc SQ: 5 pc
- 90 055 02** Necklace part, 3 parts, with eyes, 60 × 40 mm, 1 pc SQ: 5 pc
- 90 055 03** Necklace part, 3 parts, with eyes, 70 × 40 mm, 1 pc SQ: 5 pc
- 90 055 04** Necklace part, 4 parts, with eyes, 90 × 42 mm, 1 pc SQ: 5 pc



All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.





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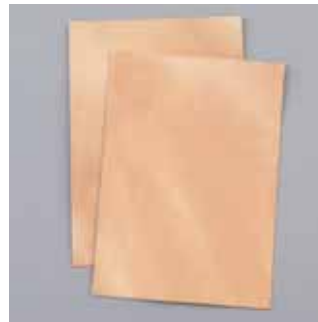


26


Copper blanks for enamel:

99 185 18	Pendant, round 1-hole, ø 48 mm	SQ: 10 pc
99 185 19	Pendant, round 1-hole, ø 29 mm	SQ: 10 pc
99 185 20	Pendant, round 1-hole, ø 35 mm	SQ: 10 pc
99 185 21	Pendant, round 2-hole, ø 20 mm	SQ: 10 pc
99 185 22	Pendant, oval 2-hole, 20 × 13 mm	SQ: 10 pc
99 185 23	Pendant, rhombus 2-hole, 47 × 16 mm	SQ: 10 pc
99 185 24	Pendant, octagonal 2-hole, 30 × 12 mm	SQ: 10 pc
99 185 26	Pendant, umbrella 2-hole, 35 × 28 mm	SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



Copper foil cutouts:

99 550 14 Copper foil cutouts, 100 × 150 mm / 0,1 mm, 2 pc  SQ: 5 pc

Instructions Foil Technique:

Punch the desired motif out of the copper foil with the motif punch. Smooth the punched motif out evenly between 2 flat objects (e.g. with 2 books). Sprinkle on one side with EFCOLOR coloured enamelling powder as required and harden according to the instructions. Work the desired copper blank on the front and back according to the basic instructions and harden. Leave to cool. Sprinkle EFCOLOR coloured enamelling powder thinly onto the front once more. Lay the copper foil motif embellished with colour flat onto it and melt again. Leave to cool and as desired attach Efco jewellery mechanisms and chains.



01



02



09



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03



04



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12



05



06



13



14



07



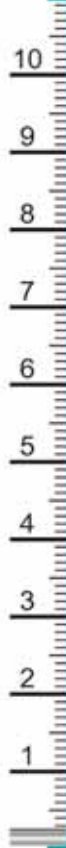
08



15



39



Copper blanks for enamel:

99 185 01	Pendant, donut without hole, ø 35 mm	SQ: 10 pc
99 185 02	Pendant, donut 1-hole, ø 35 mm	SQ: 10 pc
99 185 03	Pendant, donut 2-hole, ø 35 mm	SQ: 10 pc
99 185 04	Pendant, heart with key 1-hole, 28 x 26 mm	SQ: 10 pc
99 185 05	Pendant, heart with key 2-hole, 28 x 26 mm	SQ: 10 pc
99 185 06	Pendant, oval 1-hole, 41 x 31 mm	SQ: 10 pc
99 185 07	Pendant, oval 2-hole, 41 x 31 mm	SQ: 10 pc
99 185 08	Pendant, leaf 1-hole, 42 x 31 mm	SQ: 10 pc

Copper blanks for enamel:

99 185 09	Pendant, leaf 2-hole, 42 x 31 mm	SQ: 10 pc
99 185 10	Pendant, cross, 73 x 53 mm	SQ: 10 pc
99 185 11	Pendant, cross, 55 x 34 mm	SQ: 10 pc
99 185 12	Pendant, leaf, 47 x 13 mm	SQ: 10 pc
99 185 13	Pendant, square 1-hole, 55 x 55 mm	SQ: 10 pc
99 185 14	Pendant, square 2-hole, 55 x 55 mm	SQ: 10 pc
99 185 15	Pendant, moon 2-hole, 17 x 46 mm	SQ: 10 pc
99 185 39	Pendant, square 1-hole, 55 x 55 mm	SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



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Copper blanks for enamel:

99 185 27	Pendant, octagonal 1-hole, ø 40 mm	SQ: 10 pc
99 185 28	Pendant, octagonal 2-hole, ø 40 mm	SQ: 10 pc
99 185 29	Pendant, oval 1-hole, 41 x 31 mm	SQ: 10 pc
99 185 30	Pendant, oval 2-hole, 41 x 31 mm	SQ: 10 pc
99 185 31	Pendant, oval 1-hole, 59 x 25 mm	SQ: 10 pc
99 185 32	Pendant, round 3-hole, ø 42 mm	SQ: 10 pc
99 185 33	Pendant, round double 4-hole, 21 x 27 mm	SQ: 10 pc
99 185 34	Pendant, round 1-hole, ø 68 mm	SQ: 10 pc

Copper blanks for enamel:

99 185 35	Pendant, round cupped 1-hole, ø 68 mm	SQ: 10 pc
99 185 36	Necklace part, round cupped, ø 68 mm	SQ: 10 pc
99 185 37	Pendant, round 1-hole, ø 42 mm	SQ: 10 pc
99 185 38	Pendant, round 1-hole, ø 51 mm	SQ: 10 pc
99 185 40	Pendant, girl 1-hole, 50 x 27 mm	SQ: 10 pc
99 185 41	Pendant, boy 1-hole, 50 x 27 mm	SQ: 10 pc
99 185 42	Pendant, girl 3-hole, 50 x 27 mm	SQ: 10 pc
99 185 43	Pendant, boy 3-hole, 50 x 27 mm	SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



44



63

Copper blanks for enamel:

99 185 44 Pendant, oval 1-hole, 44 × 30 mm SQ: 10 pc

99 185 63 Necklace part, round cupped, ø 72 mm SQ: 10 pc



45



46



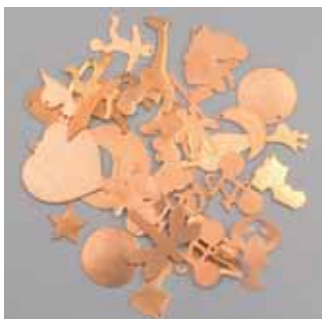
47

Copper blanks for enamel:

99 185 45 Pendant, rectangular, 1-hole, 51 × 32 mm SQ: 10 pc

99 185 46 Pendant, rectangular, 2-hole, 51 × 32 mm SQ: 10 pc

99 185 47 Pendant, triangle 3-hole, 40 × 40 mm SQ: 10 pc



Copper parts assorted:

90 060 00 Copper parts assorted, pendants and brooches, 100 g SQ: 4 Box



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Copper blanks for enamel loose:

99 185 57 Pendant, butterfly, 38 × 38 mm SQ: 10 pc

99 185 58 Pendant, bird, 52 × 47 mm SQ: 10 pc

99 185 59 Pendant, dragonfly 2-hole, 38 × 36 mm SQ: 10 pc

99 185 60 Pendant, dragonfly 1-hole, 38 × 36 mm SQ: 10 pc

All copper items are 0.8 mm thick. These articles are suitable for Efcolor cold enamel powders.





13 / silver-coloured



14 / silver-coloured



17 / silver-coloured



18 / silver-coloured



15 / silver-coloured



16 / silver-coloured



19 / silver-coloured



20 / silver-coloured

Jewellery for Efcolor SB:

- 97 300 13 Jewellery, salamander, 34 x 18 mm, 2 pcs. ☒ SQ: 5 bag
- 97 300 14 Jewellery, bird, 24 x 21 mm, 2 pcs. ☒ SQ: 5 bag
- 97 300 15 Jewellery, swallow, 20 x 10 mm, 2 pcs. ☒ SQ: 5 bag
- 97 300 16 Jewellery, beetle, 19 x 12 mm, 2 pcs. ☒ SQ: 5 bag

Jewellery for Efcolor SB:

- 97 300 17 Jewellery, elephant, 21 x 15 mm, 2 pcs. ☒ SQ: 5 bag
- 97 300 18 Jewellery, crown, 15 x 12 mm, 2 pcs. ☒ SQ: 5 bag
- 97 300 19 Jewellery, bicycle, 35 x 21 mm, 2 pcs. ☒ SQ: 5 bag
- 97 300 20 Jewellery, plane, 17 x 17 mm, 2 pcs. ☒ SQ: 5 bag



21 / silver-coloured



23 / silver-coloured



24 / silver-coloured

Jewellery for Efcolor SB:

- 97 300 21 Jewellery, giraffe right / left, 20 x 40 mm, 2 pcs. ☒ SQ: 5 bag
- 97 300 23 Jewellery, mask, 27 x 21 mm, 2 pcs. ☒ SQ: 5 bag
- 97 300 24 Jewellery, rose, 21 x 18 mm, 2 pcs. ☒ SQ: 5 bag





01 / silver-coloured



02 / silver-coloured



09 / silver-coloured



11 / silver-coloured



03 / silver-coloured



04 / silver-coloured



12 / silver-coloured



05 / silver-coloured



06 / silver-coloured



07 / silver-coloured



08 / silver-coloured

Jewellery for Efcolor SB:

- 97 300 09 Jewellery, leopard right / left, 42 x 9 mm, 2 pcs. SQ: 5 bag
- 97 300 11 Jewellery, dragon, 32 x 27 mm, 2 pcs. SQ: 5 bag
- 97 300 12 Jewellery, dragon, 45 x 40 mm, 1 pcs. SQ: 5 bag

Jewellery for Efcolor SB:

- 97 300 01 Jewellery, rose head, ø 20 mm, 2 pcs. SQ: 5 bag
- 97 300 02 Jewellery, rose, 10 x 16 mm, 2 pcs. SQ: 5 bag
- 97 300 03 Jewellery, blossoms, 17 x 45 mm, 2 pcs. SQ: 5 bag
- 97 300 04 Jewellery, edelweiss, ø 23 mm, 2 pcs. SQ: 5 bag
- 97 300 05 Jewellery, Crown, 26 x 22 mm, 2 pcs. SQ: 5 bag
- 97 300 06 Jewellery, shell, 15 x 32 mm, 1 pc. SQ: 5 bag
- 97 300 07 Jewellery, ladybug, 15 x 17 mm, 2 pcs. SQ: 5 bag
- 97 300 08 Jewellery, butterfly, 15 x 25 mm, 2 pcs. SQ: 5 bag



Instructions:

Work the back and front of the copper blanks and harden according to the basic instructions. Leave to cool down. Thinly sprinkle the front again with EFCOLOR coloured enamelling powder, lay on the pieces for embellishment and melt once again. Leave to cool down and mount onto EFCO jewellery mechanisms and chains as desired.





13 / silver-coloured



14 / silver-coloured



17 / silver-coloured



18 / silver-coloured



15 / silver-coloured



16 / silver-coloured



19 / silver-coloured



20 / silver-coloured

Jewellery for Efcolor loose:

- 97 302 13 Jewellery, salamander, 34 × 18 mm SQ: 10 pc
- 97 302 14 Jewellery, bird, 24 × 21 mm SQ: 10 pc
- 97 302 15 Jewellery, swallow, 20 × 10 mm SQ: 10 pc
- 97 302 16 Jewellery, beetle, 19 × 12 mm SQ: 10 pc

Jewellery for Efcolor loose:

- 97 302 17 Jewellery, elephant, 21 × 15 mm SQ: 10 pc
- 97 302 18 Jewellery, crown, 15 × 12 mm SQ: 10 pc
- 97 302 19 Jewellery, bicycle, 35 × 21 mm SQ: 10 pc
- 97 302 20 Jewellery, plane, 17 × 17 mm SQ: 10 pc



21 / silver-coloured



22 / silver-coloured



23 / silver-coloured



24 / silver-coloured

Jewellery for Efcolor loose:

- 97 302 21 Jewellery, giraffe right, 20 × 40 mm SQ: 10 pc
- 97 302 22 Jewellery, giraffe left, 20 × 40 mm SQ: 10 pc
- 97 302 23 Jewellery, mask, 27 × 21 mm **N** SQ: 10 pc
- 97 302 24 Jewellery, rose, 21 × 18 mm **N** SQ: 10 pc





01 / silver-coloured



02 / silver-coloured



09 / silver-coloured



10 / silver-coloured



03 / silver-coloured



04 / silver-coloured



11 / silver-coloured



12 / silver-coloured



05 / silver-coloured



06 / silver-coloured



07 / silver-coloured



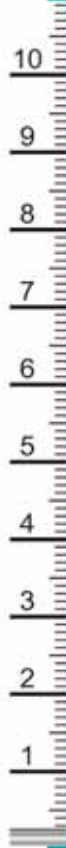
08 / silver-coloured

Jewellery for Efcolor loose:

97 302 09	Jewellery, leopard right, 42 × 9 mm	SQ: 10 pc
97 302 10	Jewellery, leopard left, 42 × 9 mm	SQ: 10 pc
97 302 11	Jewellery, dragon, 32 × 27 mm	SQ: 10 pc
97 302 12	Jewellery, dragon, 45 × 40 mm	SQ: 5 pc

Jewellery for Efcolor loose:

97 302 01	Jewellery, rose head, ø 20 mm	SQ: 10 pc
97 302 02	Jewellery, rose, 10 × 16 mm	SQ: 10 pc
97 302 03	Jewellery, blossoms, 17 × 45 mm	SQ: 10 pc
97 302 04	Jewellery, edelweiss, ø 23 mm	SQ: 10 pc
97 302 05	Jewellery, crown, 26 × 22 mm	SQ: 10 pc
97 302 06	Jewellery, shell, 15 × 32 mm	SQ: 10 pc
97 302 07	Jewellery, ladybug, 15 × 17 mm	SQ: 10 pc
97 302 08	Jewellery, butterfly, 15 × 25 mm	SQ: 10 pc





01 / silver-coloured



02 / silver-coloured



04 / gold-plated



05 / gold-plated



03 / silver-coloured



01 / silver-coloured



06 / gold-plated



07 / gold-plated

Jewellery for Efcolor loose:

- 97 304 01 Jewellery, leaf, 35 × 23 mm SQ: 10 pc
- 97 304 02 Jewellery, bird flock, 40 × 15 mm SQ: 10 pc
- 97 304 03 Jewellery, female head, 30 × 25 mm SQ: 10 pc
- 97 299 01 Mini discs for Efcolor, ø 4-5 mm, 5 g SQ: 5 bag



08 / gold-plated



09 / gold-plated

Jewellery for Efcolor loose:

- 97 304 04 Jewellery, leaf, 35 × 23 mm SQ: 10 pc
- 97 304 05 Jewellery, female head, 30 × 25 mm SQ: 10 pc
- 97 304 06 Jewellery, sailing ship, 32 × 28 mm SQ: 10 pc
- 97 304 07 Jewellery, rose, ø 15 mm SQ: 10 pc
- 97 304 08 Jewellery, Isis, 30 × 16 mm SQ: 10 pc
- 97 304 09 Jewellery, art nouveau, ø 40 mm SQ: 10 pc



natural / beige



Shells mini for Efcolor:

- 97 299 00 Shells mini for Efcolor, 8 – 15 mm, 7 g SQ: 6 Box



MADE IN GERMANY

Stencils for Efcolor



49



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56

Copper blanks for enamel loose:

99 185 49	Pendant, oval 1-hole, 46 × 6 mm	SQ: 10 pc
99 185 50	Pendant, oval 2-hole, 34 × 24 mm	SQ: 10 pc
99 185 51	Pendant, oval with hole, 2-hole, 34 × 24 mm	SQ: 10 pc
99 185 52	Pendant, moon 2-hole, 51 × 18 mm	SQ: 10 pc
99 185 53	Pendant, moon 3-hole, 51 × 18 mm	SQ: 10 pc
99 185 54	Pendant, half-round 3-hole, 40 × 20 mm	SQ: 10 pc
99 185 55	Pendant, rectangle 4-hole, 40 × 17 mm	SQ: 10 pc
99 185 56	Pendant, heart, 51 × 40 mm	SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



01



02



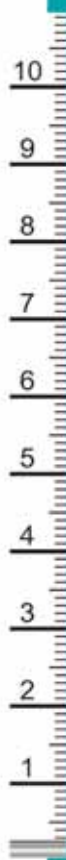
03



07

Stencils for Efcolor:

93 208 01	Stencil, roses / 8 parts, DIN A 5	SQ: 5 pc
93 208 02	Stencil, ornaments / 9 parts, DIN A 5	SQ: 5 pc
93 208 03	Stencil, ornaments / 6 parts, DIN A 5	SQ: 5 pc
93 720 07	Stencil-Lift, 110 mm, 1 pc	SQ: 5 bag





42



72

Copper blanks for enamel:

99 310 42	Pendant, rabbit, 36 × 21 mm	SQ: 10 pc
99 310 52	Brooch, rabbit, 36 × 21 mm	SQ: 10 pc
99 367 72	Pendant, horse's head, 34 × 31 mm	SQ: 10 pc
99 365 72	Brooch, horse's head, 34 × 31 mm	SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



82



02

Copper blanks for enamel:

99 367 82	Pendant, parrot, 54 × 14 mm	SQ: 10 pc
99 365 82	Brooch, parrot, 54 × 14 mm	SQ: 10 pc
99 399 02	Pendant, frog, 35 × 28 mm	SQ: 10 pc
99 399 12	Brooch, frog, 35 × 28 mm	SQ: 10 pc



62



82

Copper blanks for enamel:

99 310 62	Pendant, little seahorse, 39 × 12 mm	SQ: 10 pc
99 343 72	Brooch, little seahorse, 39 × 12 mm	SQ: 10 pc
99 334 82	Pendant, Fish, 35 × 22 mm	SQ: 10 pc
99 318 52	Brooch, fish, 35 × 22 mm	SQ: 10 pc





324



118



905



412



119



139



652



812



162



198



832



372



804



806

Copper blanks for enamel:

90 013 24	Pendant, Heart, 36 × 39 mm	SQ: 10 pc
90 031 18	Pendant, masculine, 26 × 15 mm	SQ: 10 pc
90 031 19	Pendant, feminine, 28 × 15 mm	SQ: 10 pc
90 041 39	Pendant, pump, 26 × 12 mm	SQ: 10 pc
90 041 62	Pendant, cat, 25 × 13 mm	SQ: 10 pc
90 041 98	Pendant, pig, 24 × 13 mm	SQ: 10 pc
90 048 04	Pendant, swallows, 27 × 17 mm	SQ: 10 pc
90 048 06	Pendant, carrier-pigeon, 24 × 29 mm	SQ: 10 pc

Copper blanks for enamel:

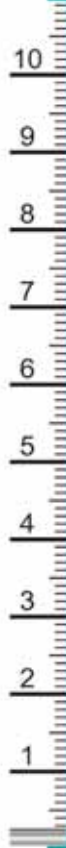
90 049 05	Pendant, dove of peace, 26 × 22 mm	SQ: 10 pc
99 194 12	Pendant, star, ø 26 mm	SQ: 10 pc
99 316 52	Pendant, star, 17 × 20 mm	SQ: 10 pc
99 318 12	Pendant, 13, 15 × 18 mm	SQ: 10 pc
99 318 32	Pendant, mushroom, 17 × 16 mm	SQ: 10 pc
99 333 72	Pendant, heart, 16 × 15 mm	SQ: 10 pc



Copper blanks for enamel:

99 185 61	Pendant, donut 6-hole, ø 42 mm	SQ: 10 pc
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All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.





92



42

Copper blanks for enamel:

- 99 334 92 Pendant, swallow, 27 x 30 mm SQ: 10 pc
- 99 311 42 Pendant, lizard, 43 x 20 mm SQ: 10 pc
- 99 311 52 Brooch, lizard, 43 x 20 mm SQ: 10 pc



02



52

Copper blanks for enamel:

- 99 346 02 Pendant, whale, 45 x 20 mm SQ: 10 pc
- 99 346 12 Brooch, whale, 45 x 20 mm SQ: 10 pc
- 99 334 52 Pendant, elephant, 35 x 25 mm SQ: 10 pc



62



42

Copper blanks for enamel:

- 99 341 62 Pendant, butterfly, 26 x 30 mm SQ: 10 pc
- 99 341 22 Brooch, butterfly, 26 x 30 mm SQ: 10 pc
- 99 344 42 Pendant, Owl large, 35 x 20 mm SQ: 10 pc
- 99 344 52 Brooch, Owl large, 35 x 20 mm SQ: 10 pc



62



02

Copper blanks for enamel:

- 99 318 62 Pendant, swan, 28 x 24 mm SQ: 10 pc
- 99 332 72 Brooch, swan, 28 x 24 mm SQ: 10 pc
- 99 311 02 Pendant, duck, 28 x 20 mm SQ: 10 pc
- 99 311 12 Brooch, duck, 28 x 20 mm SQ: 10 pc



72



82

Copper blanks for enamel:

- 99 346 72 Pendant, peace sign, ø 26 mm SQ: 10 pc
- 99 311 82 Pendant, horseshoe, 25 x 22 mm SQ: 10 pc



02



62

Copper blanks for enamel:

- 99 194 02 Pendant, aeroplane, 38 x 35 mm SQ: 10 pc
- 99 191 72 Brooch, aeroplane, 38 x 35 mm SQ: 10 pc
- 99 334 62 Pendant, vintage car, 24 x 30 mm SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



42



22

Copper blanks for enamel:

99 335 42 Pendant, foot, 48 × 20 mm SQ: 10 pc

99 340 22 Pendant, dwarf, 34 × 21 mm SQ: 10 pc

99 340 32 Brooch, dwarf, 34 × 21 mm SQ: 10 pc



02



12

Copper blanks for enamel:

99 334 02 Pendant, apple, 30 × 23 mm SQ: 10 pc

99 332 02 Brooch, apple, 30 × 23 mm SQ: 10 pc

99 334 12 Pendant, pear, 35 × 22 mm SQ: 10 pc

99 332 12 Brooch, pear, 35 × 22 mm SQ: 10 pc



72



22

Copper blanks for enamel:

99 311 72 Brooch, leaf embossed, 34 × 24 mm SQ: 10 pc

99 295 52 Brooch, leaf embossed, 50 × 36 mm SQ: 10 pc

99 332 22 Brooch, cherry, 29 × 29 mm SQ: 10 pc

99 334 22 Pendant, cherry, 29 × 29 mm SQ: 10 pc



62



02

Copper blanks for enamel:

99 336 62 Pendant, Fish, 30 × 22 mm SQ: 10 pc

99 340 02 Pendant, hand, 34 × 31 mm SQ: 10 pc



82



74

Copper blanks for enamel:

99 318 82 Pendant, sailing ship, 32 × 23 mm SQ: 10 pc

99 317 82 Brooch, sailing ship, 32 × 23 mm SQ: 10 pc

99 334 74 Pendant, penguin, 33 × 20 mm SQ: 10 pc

99 334 72 Brooch, penguin, 33 × 20 mm SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.





52



42

Copper blanks for enamel:

- 99 333 52 Pendant, round, \varnothing 29 mm SQ: 10 pc
- 99 336 42 Pendant, oval, 33 x 24 mm SQ: 10 pc



92



12

Copper blanks for enamel:

- 99 206 92 Pendant, cross, 50 x 35 mm SQ: 10 pc
- 99 295 12 Pendant, cross, 60 x 43 mm SQ: 10 pc



42



32

Copper blanks for enamel:

- 99 203 42 Pendant, oval, 43 x 28 mm SQ: 10 pc
- 99 203 44 Copper blank, oval, 43 x 28 mm SQ: 10 pc
- 99 260 32 Pendant, rectangular, rounded corners, 37 x 28 mm SQ: 10 pc



42



52

Copper blanks for enamel:

- 99 340 42 Pendant, cross, 32 x 22 mm SQ: 10 pc
- 99 340 52 Pendant, cross, 28 x 20 mm SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



52



22

Copper blanks for enamel:

- 99 204 52 Pendant, round, \varnothing 40 mm SQ: 10 pc
- 99 295 22 Pendant, heart, 30 x 29 mm SQ: 10 pc
- 99 277 72 Brooch, heart, 30 x 29 mm SQ: 10 pc



12



62

Copper blanks for enamel:

- 99 317 12 Pendant, round, \varnothing 15 mm SQ: 10 pc
- 99 317 22 Pendant, round, \varnothing 22 mm SQ: 10 pc
- 99 333 62 Pendant, heart, 24 x 21 mm SQ: 10 pc





Copper blanks for enamel:

90 039 50	Pendant, aries, 28 × 32 mm	SQ: 10 pc
90 039 51	Pendant, taurus, 36 × 20 mm	SQ: 10 pc
90 039 52	Pendant, gemini, 23 × 32 mm	SQ: 10 pc
90 039 53	Pendant, cancer, 24 × 36 mm	SQ: 10 pc
90 039 54	Pendant, leo, 35 × 22 mm	SQ: 10 pc
90 039 55	Pendant, virgo, 22 × 35 mm	SQ: 10 pc
90 039 56	Pendant, libra, 27 × 32 mm	SQ: 10 pc
90 039 57	Pendant, scorpio, 33 × 21 mm	SQ: 10 pc
90 039 58	Pendant, sagittarius, 32 × 34 mm	SQ: 10 pc
90 039 59	Pendant, capricorn, 22 × 35 mm	SQ: 10 pc
90 039 60	Pendant, aquarius, 37 × 33 mm	SQ: 10 pc
90 039 61	Pendant, pisces, 22 × 33 mm	SQ: 10 pc

Copper blanks for enamel:

99 342 02	Pendant, aries, 24 × 22 mm	SQ: 10 pc
99 342 12	Pendant, taurus, 25 × 17 mm	SQ: 10 pc
99 342 22	Pendant, gemini, 22 × 22 mm	SQ: 10 pc
99 342 32	Pendant, cancer, 26 × 20 mm	SQ: 10 pc
99 342 42	Pendant, leo, 24 × 20 mm	SQ: 10 pc
99 342 52	Pendant, virgo, 21 × 20 mm	SQ: 10 pc
99 342 62	Pendant, libra, 27 × 20 mm	SQ: 10 pc
99 342 72	Pendant, scorpio, 31 × 19 mm	SQ: 10 pc
99 342 82	Pendant, sagittarius, 25 × 23 mm	SQ: 10 pc
99 342 92	Pendant, capricorn, 25 × 18 mm	SQ: 10 pc
99 343 02	Pendant, aquarius, 26 × 24 mm	SQ: 10 pc
99 343 12	Pendant, pisces, 24 × 25 mm	SQ: 10 pc

Copper blanks for enamel:

90 039 62	Pendant, signs of the zodiac assorted, 12 pieces	SQ: 1 bag
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Copper blanks for enamel:

99 343 22	Pendant, signs of the zodiac assorted, h 21 – 26 mm, 12 pieces	SQ: 1 bag
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03

85

Copper blanks for enamel:

90 030 03	Pendant, bird, 30 × 25 mm	SQ: 10 pc
90 030 23	Brooch, bird, 30 × 25 mm	SQ: 10 pc
90 030 85	Pendant, butterfly, 25 × 20 mm	SQ: 10 pc
90 030 95	Brooch, butterfly, 25 × 20 mm	SQ: 10 pc



26

76

Copper blanks for enamel:

90 041 26	Pendant, plane, 40 × 29 mm	SQ: 10 pc
90 041 46	Brooch, plane, 40 × 29 mm	SQ: 10 pc
90 041 76	Pendant, car, 22 x15 mm	SQ: 10 pc
90 041 96	Brooch, car, 22 x15 mm	SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



08



09



34



01



89



26



86



34

Copper blanks for enamel:

90 030 08	Pendant, horse, 30 × 30 mm	SQ: 10 pc
90 030 28	Brooch, horse, 30 × 30 mm	SQ: 10 pc
90 030 09	Pendant, dog, 25 × 32 mm	SQ: 10 pc
90 030 29	Brooch, dog, 25 × 32 mm	SQ: 10 pc
90 030 89	Pendant, bear, 27 × 35 mm	SQ: 10 pc
90 030 99	Brooch, bear, 27 × 35 mm	SQ: 10 pc
90 031 26	Pendant, tortoise, 32 × 20 mm	SQ: 10 pc
90 031 46	Brooch, tortoise, 32 × 20 mm	SQ: 10 pc

Copper blanks for enamel:

90 031 34	Pendant, sailingship, 31 × 39 mm	SQ: 10 pc
90 031 54	Brooch, sailingship, 31 × 39 mm	SQ: 10 pc
90 049 01	Pendant, surf-rider, 30 × 35 mm	SQ: 10 pc
90 049 21	Brooch, surf-rider, 30 × 35 mm	SQ: 10 pc
90 031 86	Pendant, skiing, 34 × 29 mm	SQ: 10 pc
90 031 96	Brooch, skiing, 34 × 29 mm	SQ: 10 pc
90 041 34	Pendant, skate, 36 × 36 mm	SQ: 10 pc
90 041 54	Brooch, skate, 36 × 36 mm	SQ: 10 pc



83



21



62



22

Copper blanks for enamel:

99 202 62	Pendant, elongated shape rounded, 55 × 29 mm	SQ: 10 pc
99 316 22	Pendant, triangular, rounded corners, 43 × 28 mm	SQ: 10 pc



24



37

Copper blanks for enamel:

90 031 83	Pendant, horse's head, 37 × 32 mm	SQ: 10 pc
90 031 93	Brooch, horse's head, 37 × 32 mm	SQ: 10 pc
90 041 21	Pendant, snail, 48 × 20 mm	SQ: 10 pc
90 041 41	Brooch, snail, 48 × 20 mm	SQ: 10 pc
90 041 24	Pendant, dragonfly, 38 × 36 mm	SQ: 10 pc
90 041 44	Brooch, dragonfly, 38 × 36 mm	SQ: 10 pc
90 041 37	Pendant, monkey, 35 × 45 mm	SQ: 10 pc
90 041 57	Brooch, monkey, 35 × 45 mm	SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



27



39



33



75

Copper blanks for enamel:

90 031 27	Pendant, oldtimer, 31 × 25 mm	SQ: 10 pc
90 031 47	Brooch, oldtimer, 31 × 25 mm	SQ: 10 pc
90 031 39	Pendant, locomotive, 40 × 27 mm	SQ: 10 pc
90 031 59	Brooch, locomotive, 40 × 27 mm	SQ: 10 pc
90 031 33	Pendant, leaf, 33 × 38 mm	SQ: 10 pc
90 031 53	Brooch, leaf, 33 × 38 mm	SQ: 10 pc
90 041 75	Pendant, windmill, 22 × 30 mm	SQ: 10 pc
90 041 95	Brooch, windmill, 22 × 30 mm	SQ: 10 pc



01



73



05



06

Copper blanks for enamel:

90 048 01	Pendant, cow, 35 × 22 mm	SQ: 10 pc
90 048 21	Brooch, cow, 35 × 22 mm	SQ: 10 pc
90 041 73	Pendant, giraffe, 14 × 43 mm	SQ: 10 pc
90 041 93	Brooch, giraffe, 14 × 43 mm	SQ: 10 pc
90 048 05	Pendant, penguins, 29 × 32 mm	SQ: 10 pc
90 048 25	Brooch, penguins, 29 × 32 mm	SQ: 10 pc
90 048 06	Pendant, carrier-pigeon, 24 × 29 mm	SQ: 10 pc
90 048 26	Brooch, carrier-pigeon, 24 × 29 mm	SQ: 10 pc



82



42

Copper blanks for enamel:

99 341 72	Brooch, cat, 33 × 23 mm	SQ: 10 pc
99 341 82	Pendant, cat, 33 × 23 mm	SQ: 10 pc
99 346 42	Pendant, dolphin, 45 × 17 mm	SQ: 10 pc
99 346 52	Brooch, dolphin, 45 × 17 mm	SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



322



272



242



362



822



753



462



042



282



832



532



542



882



052

Copper blank:

99 203 22	Copper blank, round, \varnothing 28 mm	SQ: 10 pc
99 202 72	Copper blank, oval, 70 x 20 mm	SQ: 10 pc
99 208 22	Copper blank, oval, 26 x 16 mm	SQ: 10 pc
99 207 53	Copper blank, rhombus, 59 x 40 mm	SQ: 10 pc
99 202 82	Copper blank, oval, 39 x 24 mm	SQ: 10 pc
99 208 32	Copper blank, round, \varnothing 25 mm	SQ: 10 pc
99 208 82	Copper blank, Square, 18 x 18 mm	SQ: 10 pc
99 200 52	Copper blank, oval, 64 x 45 mm	SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.

Copper punching for enamelling:

99 262 42	Pendant, rectangular, rounded corners, 41 x 27 mm	SQ: 10 pc
99 203 62	Pendant, rhombus-shaped, 48 x 30 mm	SQ: 10 pc
99 204 62	Pendant, rhombus, rounded corners, 33 x 33 mm	SQ: 10 pc
99 260 42	Pendant, oval, flattened, 46 x 33 mm	SQ: 10 pc
99 205 32	Pendant, oval, 26 x 16 mm	SQ: 10 pc
99 205 42	Pendant, oval, 20 x 15 mm	SQ: 10 pc



22



94

Copper punching for enamelling:

99 336 22	Pendant, heart, 17 x 19 mm	SQ: 10 pc
99 312 94	Pendant, heart, 23 x 27 mm	SQ: 10 pc



42



82

Copper punching for enamelling:

99 367 42 Pendant, arrow, 40 × 14 mm SQ: 10 pc

99 335 82 Pendant, arrow, 16 × 15 mm SQ: 10 pc



02



42

Copper punching for enamelling:

99 317 02 Pendant, oval, 19 × 14 mm SQ: 10 pc

99 334 42 Pendant, round, ø 10 mm SQ: 10 pc



06



09



44



32



84



85

Copper blanks for enamel:

90 049 06 Pendant, dove of peace, 40 × 32 mm SQ: 10 pc

90 041 09 Pendant, cross, 13 × 21 mm SQ: 10 pc

90 010 44 Pendant, cross, 45 × 62 mm SQ: 10 pc

99 333 32 Pendant, cross, 21 × 14 mm SQ: 10 pc

90 012 84 Pendant, cross, 17 × 25 mm SQ: 10 pc

90 012 85 Pendant, cross, 22 × 33 mm SQ: 10 pc



82



92

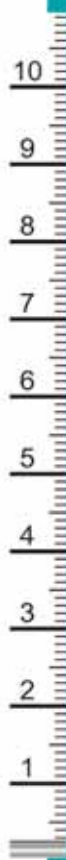
Copper blanks for enamel:

99 193 82 Pendant, key, 37 × 16 mm SQ: 10 pc

99 318 92 Pendant, key, 48 × 20 mm SQ: 10 pc

All copper items are 0.8 mm thick.

These articles are suitable for Efcolor cold enamel powders.





82



92



22



27



00



02



92



52



62

Copper blanks for enamel:

99 340 82	Pendant, Owl, 25 x16 mm	SQ: 10 pc
99 341 92	Pendant, bird, 30 x 32 mm	SQ: 10 pc
99 311 22	Pendant, butterfly, 22 x 22 mm	SQ: 10 pc
90 013 27	Pendant, butterfly, 38 x 38 mm	SQ: 10 pc
90 048 00	Pendant, rooster, 28 x 28 mm	SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.

Copper blanks for enamel:

99 193 02	Pendant, hedgehog, 20 x 30 mm	SQ: 10 pc
99 193 92	Pendant, snail, 14 x 32 mm	SQ: 10 pc
99 368 52	Pendant, snake, 25 x 11 mm	SQ: 10 pc
99 368 62	Pendant, mouse, 15 x 27 mm	SQ: 10 pc



80



06



15



32



74



22

Copper blanks for enamel:

- 90 031 80 Pendant, flower, 38 × 28 mm SQ: 10 pc
- 90 041 06 Pendant, bicycle, 33 × 26 mm SQ: 10 pc
- 90 031 15 Pendant, umbrella, 28 × 36 mm SQ: 10 pc
- 99 319 32 Pendant, hand, 23 × 21 mm SQ: 10 pc
- 99 319 74 Pendant, steam train, 16 × 26 mm SQ: 10 pc
- 99 368 22 Pendant, umbrella, 14 × 42 mm SQ: 10 pc



72



72

Copper blanks for enamel:

- 99 260 72 Pendant, round with hole, 40 mm SQ: 10 pc
- 99 204 72 Pendant, round, ø 48 mm SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



10



13

Copper blanks for enamel:

- 90 031 10 Pendant, couple, 35 × 38 mm SQ: 10 pc
- 90 031 13 Pendant, football, 26 × 33 mm SQ: 10 pc



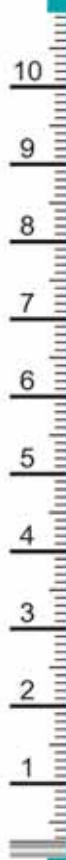
01



04

Copper blanks for enamel:

- 90 040 01 Pendant, Heart, 36 × 39 mm SQ: 10 pc
- 90 041 04 Pendant, guitar Elvis, 22 × 60 mm SQ: 10 pc





323



815



161



105



12



81



160



177



42



28



164



086



04



02

Copper blanks for enamel:

99 336 12	Pendant, blossom, cupped, 36 x 32 mm	SQ: 10 pc
90 030 81	Pendant, cat, 23 x 43 mm	SQ: 10 pc
99 399 42	Pendant, alien, 36 x 29 mm	SQ: 10 pc
90 031 28	Pendant, hand + foot, 29 x 31 mm	SQ: 10 pc
90 030 04	Pendant, blossom, ø 25 mm	SQ: 10 pc
90 010 02	Pendant, Cross, 28 x 47 mm	SQ: 10 pc

Copper blanks for enamel:

90 013 23	Pendant, Fish, 26 x 33 mm	SQ: 10 pc
90 048 15	Pendant, starfish, 30 x 25 mm	SQ: 10 pc
90 041 61	Pendant, dog, 19 x 20 mm	SQ: 10 pc
90 031 05	Pendant, key, 31 x 14 mm	SQ: 10 pc
90 041 60	Pendant, horse's head, 20 x 20 mm	SQ: 10 pc
90 041 77	Pendant, clover leaf, 18 x 15 mm	SQ: 10 pc
90 041 64	Pendant, butterfly, 13 x 14 mm	SQ: 10 pc
90 030 86	Pendant, butterfly, 2-hole, 25 x 20 mm	SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



54



55



56



57

Copper blanks for enamel:

- | | | | |
|-----------|--------------------------------------|---|-----------|
| 99 194 54 | Pendant, cross, 55 × 35 mm | N | SQ: 10 pc |
| 99 194 55 | Pendant, cross, 25 × 21 mm | N | SQ: 10 pc |
| 99 194 56 | Pendant, donut without hole, ø 50 mm | N | SQ: 10 pc |
| 99 194 57 | Pendant, donut 1-hole, ø 50 mm | N | SQ: 10 pc |



58



60



66



67



61



62



68



69

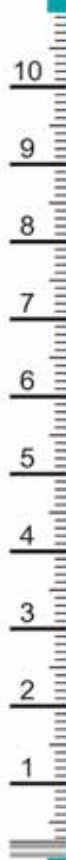
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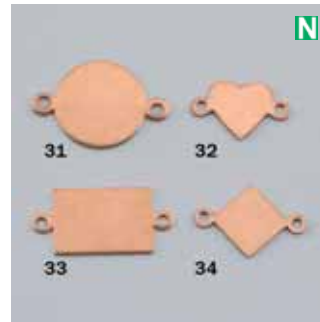
- | | | | |
|-----------|---------------------------------------|---|-----------|
| 99 194 58 | Pendant, seahorse, 66 × 32 mm | N | SQ: 10 pc |
| 99 194 60 | Pendant, heart 2-hole, 23 × 18 mm | N | SQ: 10 pc |
| 99 194 61 | Pendant, heart, 27 × 27 mm | N | SQ: 10 pc |
| 99 194 62 | Pendant, triangle rounded, 42 × 16 mm | N | SQ: 10 pc |

Copper blanks for enamel:

- | | | | |
|-----------|-------------------------------|---|-----------|
| 99 194 66 | Pendant, soother, 41 × 23 mm | N | SQ: 10 pc |
| 99 194 67 | Pendant, vampire, 19 × 20 mm | N | SQ: 10 pc |
| 99 194 68 | Pendant, cat, 23 × 18 mm | N | SQ: 10 pc |
| 99 194 69 | Pendant, elephant, 29 × 18 mm | N | SQ: 10 pc |

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.





Copper blanks for enamel:

- 99 255 01 Pendant, letter A 2-hole, h 11 mm N SQ: 10 pc
- 99 255 02 Pendant, letter B 2-hole, h 11 mm N SQ: 10 pc
- 99 255 03 Pendant, letter C 2-hole, h 11 mm N SQ: 10 pc
- 99 255 04 Pendant, letter D 2-hole, h 11 mm N SQ: 10 pc
- 99 255 05 Pendant, letter E 2-hole, h 11 mm N SQ: 10 pc
- 99 255 06 Pendant, letter F 2-hole, h 11 mm N SQ: 10 pc
- 99 255 07 Pendant, letter G 2-hole, h 11 mm N SQ: 10 pc
- 99 255 08 Pendant, letter H 2-hole, h 11 mm N SQ: 10 pc
- 99 255 09 Pendant, letter I 2-hole, h 11 mm N SQ: 10 pc
- 99 255 10 Pendant, letter J 2-hole, h 11 mm N SQ: 10 pc
- 99 255 11 Pendant, letter K 2-hole, h 11 mm N SQ: 10 pc
- 99 255 12 Pendant, letter L 2-hole, h 11 mm N SQ: 10 pc
- 99 255 13 Pendant, letter M 2-hole, h 11 mm N SQ: 10 pc
- 99 255 14 Pendant, letter N 2-hole, h 11 mm N SQ: 10 pc
- 99 255 15 Pendant, letter O 2-hole, h 11 mm N SQ: 10 pc
- 99 255 16 Pendant, letter P 2-hole, h 11 mm N SQ: 10 pc
- 99 255 17 Pendant, letter R 2-hole, h 11 mm N SQ: 10 pc
- 99 255 18 Pendant, letter S 2-hole, h 11 mm N SQ: 10 pc
- 99 255 19 Pendant, letter T 2-hole, h 11 mm N SQ: 10 pc
- 99 255 20 Pendant, letter U 2-hole, h 11 mm N SQ: 10 pc
- 99 255 21 Pendant, letter V 2-hole, h 11 mm N SQ: 10 pc
- 99 255 22 Pendant, letter W 2-hole, h 11 mm N SQ: 10 pc
- 99 255 23 Pendant, letter X 2-hole, h 11 mm N SQ: 10 pc
- 99 255 24 Pendant, letter Y 2-hole, h 11 mm N SQ: 10 pc
- 99 255 25 Pendant, letter Z 2-hole, h 11 mm N SQ: 10 pc

Copper blanks for enamel:

- 99 255 31 Pendant, round 2-hole, 20 x 15 mm N SQ: 10 pc
- 99 255 32 Pendant, heart 2-hole, 15 x 10 mm N SQ: 10 pc
- 99 255 33 Pendant, rectangular 2-hole, 21 x 10 mm N SQ: 10 pc
- 99 255 34 Pendant, square 2-hole, 17 x 11 mm N SQ: 10 pc
- 99 194 63 Pendant, drop, 21 x 8 mm N SQ: 10 pc
- 99 194 64 Pendant, drop, 31 x 9 mm N SQ: 10 pc
- 99 194 65 Pendant, drop, 53 x 12 mm N SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.





51



52



53



59

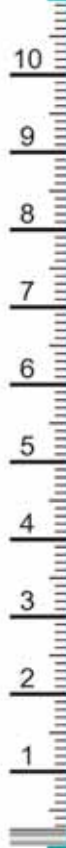
Copper blanks for enamel:

99 256 01	Pendant, letter A 1-hole, h 15 mm	N	SQ: 10 pc
99 256 02	Pendant, letter B 1-hole, h 15 mm	N	SQ: 10 pc
99 256 03	Pendant, letter C 1-hole, h 15 mm	N	SQ: 10 pc
99 256 04	Pendant, letter D 1-hole, h 15 mm	N	SQ: 10 pc
99 256 05	Pendant, letter E 1-hole, h 15 mm	N	SQ: 10 pc
99 256 06	Pendant, letter F 1-hole, h 15 mm	N	SQ: 10 pc
99 256 07	Pendant, letter G 1-hole, h 15 mm	N	SQ: 10 pc
99 256 08	Pendant, letter H 1-hole, h 15 mm	N	SQ: 10 pc
99 256 09	Pendant, letter I 1-hole, h 15 mm	N	SQ: 10 pc
99 256 10	Pendant, letter J 1-hole, h 15 mm	N	SQ: 10 pc
99 256 11	Pendant, letter K 1-hole, h 15 mm	N	SQ: 10 pc
99 256 12	Pendant, letter L 1-hole, h 15 mm	N	SQ: 10 pc
99 256 13	Pendant, letter M 1-hole, h 15 mm	N	SQ: 10 pc
99 256 14	Pendant, letter N 1-hole, h 15 mm	N	SQ: 10 pc
99 256 15	Pendant, letter O 1-hole, h 15 mm	N	SQ: 10 pc
99 256 16	Pendant, letter P 1-hole, h 15 mm	N	SQ: 10 pc
99 256 17	Pendant, letter Q 1-hole, h 15 mm	N	SQ: 10 pc
99 256 18	Pendant, letter R 1-hole, h 15 mm	N	SQ: 10 pc
99 256 19	Pendant, letter S 1-hole, h 15 mm	N	SQ: 10 pc
99 256 20	Pendant, letter T 1-hole, h 15 mm	N	SQ: 10 pc
99 256 21	Pendant, letter U 1-hole, h 15 mm	N	SQ: 10 pc
99 256 22	Pendant, letter V 1-hole, h 15 mm	N	SQ: 10 pc
99 256 23	Pendant, letter W 1-hole, h 15 mm	N	SQ: 10 pc
99 256 24	Pendant, letter X 1-hole, h 15 mm	N	SQ: 10 pc
99 256 25	Pendant, letter Y 1-hole, h 15 mm	N	SQ: 10 pc
99 256 26	Pendant, letter Z 1-hole, h 15 mm	N	SQ: 10 pc

Copper blanks for enamel:

99 194 51	Pendant, horse's head, 35 x 26 mm	N	SQ: 10 pc
99 194 52	Pendant, pig, 39 x 22 mm	N	SQ: 10 pc
99 194 53	Pendant, squirrel, 34 x 30 mm	N	SQ: 10 pc
99 194 59	Pendant, angel, 30 x 24 mm	N	SQ: 10 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.







891 / silver-coloured



895 / gold-plated



291 / silver-coloured



295 / gold-plated

Scarf clip for enamel:

99 808 91 Scarf clip enamel, round, \varnothing 36 mm SQ: 5 pc

99 808 95 Scarf clip enamel, round, \varnothing 36 mm SQ: 5 pc



391 / silver-coloured



395 / gold-plated



591 / silver-coloured



595 / gold-plated



491 / silver-coloured



495 / gold-plated



691 / silver-coloured



695 / gold-plated

Brooch for enamel:

99 813 91 Brooch enamel, halfround, 60 x 30 mm SQ: 5 pc

99 813 95 Brooch enamel, Halfround, 60 x 30 mm SQ: 5 pc

99 814 91 Brooch enamel, round, 49 mm SQ: 5 pc

99 814 95 Brooch enamel, round, 49 mm SQ: 5 pc



791 / silver-coloured



795 / gold-plated

Brooch for enamel:

99 802 91 Brooch enamel, round, 36 mm SQ: 5 pc

99 802 95 Brooch enamel, round, 36 mm SQ: 5 pc

99 805 91 Brooch enamel, oval, 45 x 30 mm SQ: 5 pc

99 805 95 Brooch enamel, oval, 45 x 30 mm SQ: 5 pc

99 806 91 Brooch enamel, oval, 54 x 40 mm SQ: 5 pc

99 806 95 Brooch enamel, oval, 54 x 40 mm SQ: 5 pc

99 807 91 Brooch enamel, oval, 68 x 24 mm SQ: 5 pc

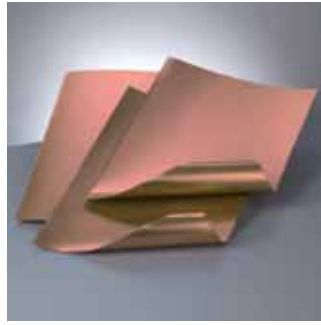
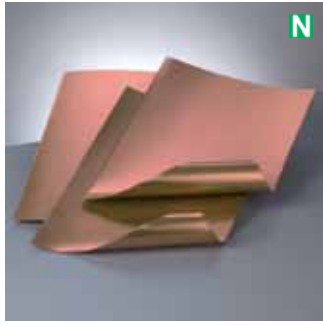
99 807 95 Brooch enamel, oval, 68 x 24 mm SQ: 5 pc

These articles contain 3 parts (frame, back, copperboard)

All copper items are 0.8 mm thick.

These articles are suitable for Efcolor cold enamel powders.





Copper foil:

99 550 13	Copper foil cutouts, 30 x 20 cm / 0,1 mm	SQ: 10 pc
99 550 15	Copper foil cutouts, 30 x 20 cm / 0,1 mm, 3 pc	SQ: 1 pk
99 550 33	Copper foil cutouts, 30 x 20 cm / 0,2 mm	SQ: 10 pc
99 557 93	Copper foil cutouts, 30 x 20 cm / 0,3 mm	SQ: 10 pc



11



41

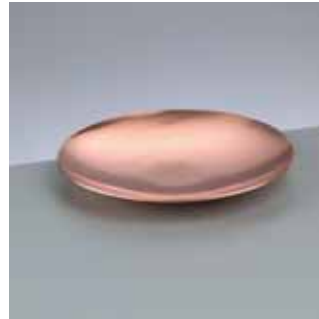
Dish of copper:

99 243 01	Dish, triangle, flat, 61 mm	SQ: 5 pc
99 243 11	Dish, triangle, flat, 86 mm	SQ: 5 pc
99 243 21	Dish, triangle, flat, 117 mm	SQ: 5 pc
99 243 41	Dish, square, flat, 99 x 99 mm	SQ: 5 pc
99 247 21	Dish, Square, 70 x 70 mm	SQ: 5 pc



Candleholder:

99 250 21	Candleholder, round, ø 66 mm	SQ: 1 pc
99 250 71	Candleholder, round, flat, ø 102 mm	SQ: 1 pc
99 250 81	Candleholder, round, flat, ø 124 mm	SQ: 1 pc



99 241 01



99 241 51

Dish of copper:

99 241 01	Dish, round, flat, ø 65 mm	SQ: 5 pc
99 241 11	Dish, round, flat, ø 90 mm	SQ: 5 pc
99 241 21	Dish, round, flat, ø 103 mm	SQ: 5 pc
99 241 31	Dish, round, flat, ø 123 mm	SQ: 5 pc
99 244 31	Dish, round, flat, ø 82 mm	SQ: 5 pc
99 241 51	Dish, round, flat cupped, ø 65 mm	SQ: 5 pc
99 241 61	Dish, round, flat cupped, ø 79 mm	SQ: 5 pc
99 241 71	Dish, round, flat cupped, ø 100 mm	SQ: 5 pc
99 241 81	Dish, round, flat cupped, ø 120 mm	SQ: 5 pc
99 242 51	Dish, round, flat cupped, ø 137 mm	SQ: 5 pc



Coaster of Copper:

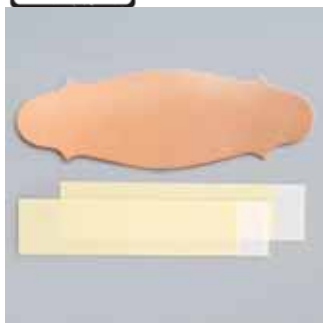
99 240 71	Coaster, round, flat, ø 79 mm	SQ: 5 pc
99 240 81	Coaster, round, flat, ø 92 mm	SQ: 5 pc
99 240 91	Coaster, round, flat, ø 103 mm	SQ: 5 pc
99 244 11	Coaster, round, flat, ø 72 mm	SQ: 5 pc



Dish of copper:

99 242 01	Dish, round, deep cupped, ø 85 mm	SQ: 5 pc
99 242 11	Dish, round, deep cupped, ø 95 mm	SQ: 5 pc
99 243 91	Dish, round, deep cupped, ø 76 mm	SQ: 5 pc

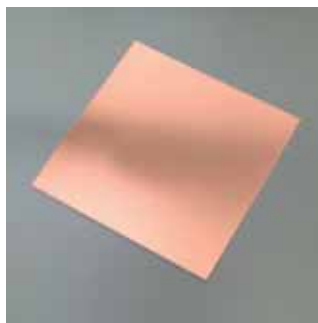
All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.



016



017



99 200 20



99 201 41



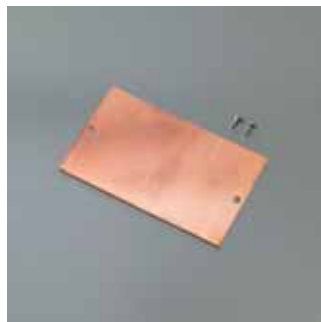
516



517



171



181



191

Copper plates / Copper rounds:

99 200 11	Copper plate, 100 × 150 mm	SQ: 1 pc
99 200 20	Copper plate, 120 × 120 mm	SQ: 1 pc
99 200 21	Copper plate, 150 × 150 mm	SQ: 1 pc
99 200 31	Copper plate, 100 × 100 mm	SQ: 1 pc
99 201 02	Copper round, ø 48 mm	SQ: 10 pc
99 201 11	Copper round, ø 68 mm	SQ: 1 pc
99 201 21	Copper round, ø 80 mm	SQ: 1 pc
99 201 31	Copper round, ø 94 mm	SQ: 1 pc
99 201 41	Copper round, ø 106 mm	SQ: 1 pc
99 201 51	Copper round, ø 127 mm	SQ: 1 pc
99 201 61	Copper round, ø 147 mm	SQ: 1 pc

All copper items are 0.8 mm thick.
These articles are suitable for Efcolor cold enamel powders.

Door nameplates:

90 050 16	Door nameplate, nostalgia with adhesive foil, 96 × 34 mm, 1 pc	SQ: 5 pc
90 050 17	Door nameplate, nostalgia 2-hole 2 screws, 96 × 34 mm, 1 pc	SQ: 5 pc
99 185 16	Door nameplate, nostalgia without hole, 96 × 34 mm	SQ: 10 pc
99 185 17	Door nameplate, nostalgia 2-hole, 96 × 34 mm	SQ: 10 pc
99 201 71	Door nameplate, oval, 63 × 45 mm	SQ: 3 pc
99 201 81	Door nameplate, rectangular, 78 × 47 mm	SQ: 3 pc
99 201 91	Door nameplate, rectangular, rounded corners, 106 × 54 mm	SQ: 3 pc



EFCOLOR Collagen aus Alu-Teilen

Collages de pièces en alu / Collages from aluminium pieces



EFCOLOR – Farbschmelzpulver zum effektvollen Gestalten von Metall, Glas, Holz, Porzellan, Keramik, Stein, sowie anderen Materialien, erhitzen bis 180 °C. Schmilzt und härtet bei 150 °C auf der Herdplatte, im Backofen oder auf dem EFCOLOR-Ofen mit Teelichtern.

Mit den Collagenteilen aus Aluminium in Verbindung mit EFCOLOR lassen sich kunstvolle Dekorationen gestalten. Die Collagenteile können miteinander kombiniert werden, so entstehen kunstvolle Unikate. Für größere Collagenteile empfehlen wir EFCOLOR in der 25 ml Dose mit dem passenden Siebaufsatz zu verwenden. So lassen sich die Flächen gleichmäßig bestreuen. Der dreidimensionale Effekt entsteht durch Verwendung von doppelseitigen Klebekissen und Abstandsklebeband. So entstehen durch Aufkleben der verschiedenen Elemente in unterschiedlichen Höhen weitere interessante Effekte.

Efcolor – couleur de sur-glaçure en poudre de métaux, de verre, de bois, de porcelaine, de pierre et bien d'autres matériaux jusqu'à 180°C. Elle fond et durcit sur la plaque de cuisson, dans le four ou dans l'élément de cuisson Efcolor chauffé par des bougies.

De superbes décorations uniques peuvent être conçues avec des collages de pièces d'aluminium travaillées avec la poudre Efcolor.

Nous conseillons de prendre de l'Efcolor en 25 ml avec les tamis correspondants pour des pièces dont les surfaces seraient plus importantes pour permettre un saupoudrage uniforme. L'effet 3D est obtenu en utilisant des coussinets adhésifs et du double-face épais.

EFCOLOR – coloured enamelling powder for striking creations in metal, glass, wood, porcelain, ceramics, stone, as well as other materials, can be heated up to 180 °C. Melts and hardens at 150 °C on a cooker hotplate, in the oven or on the EFCOLOR stove with tea lights.

By taking the aluminium collage blanks together with EFCOLOR fancy decorations can be created. The collage pieces can be combined with one another to make unique artistic objects.

For larger collage blanks we recommend using EFCOLOR in the 25 ml tin with the corresponding sieve top. In this way the surfaces can be sprinkled evenly. The three dimensional effect is made by using double-sided adhesive pads and thick adhesive tape. By sticking the various elements at different levels further interesting effects can be achieved.



Step 1

Vorderseiten der Aluteile mit Schleifblock reinigen.

Poncer la face qui sera saupoudrée.

Clean the front of the aluminium blanks with the abrasive block.



Step 2

Teile gleichmäßig deckend mit EFCOLOR-Farbschmelzpulver bestreuen.

Saupoudrer les surfaces uniformément avec de l'Efcolor.

Sprinkle the blanks with an even coating of EFCOLOR coloured enamelling powder.



Step 3

Teile auf die Brennplatte legen.

Poser les pièces sur la plaque de cuisson.

Place the pieces on the firing plate.

**Step 4**

In den vorgeheizten Backofen stellen. Wir empfehlen Unterhitze!

Déposer la plaque de cuisson avec les pièces dans le four chauffé au préalable. Nous conseillons un four qui chauffe par le bas.

Place in the preheated oven. We recommend using bottom heat.

**Step 5**

Nach 3-5 Min. aus dem Ofen nehmen. Vorsicht heiss! Abkühlen lassen.

Sortir la plaque et les pièces du four après 3 à 5 minutes. Prudence c'est chaud ! Laisser refroidir.

After 3-5 mins remove from the oven. Caution hot! Leave to cool down.

**Step 6**

Den Keilrahmen mit Decoupaint new grundieren. Trocknen lassen.

Recouvrir la toile de peinture Decoupaint et laisser sécher.

Apply a base coat of Decoupaint new to the stretched canvas. Leave to dry.

**Step 7**

Die Collagenteile mit Klebekissen (doppelseitig) montieren. Wackelaugen mit Dekofix-Dekokleber aufkleben.

Faire le montage finale des pièces alu émaillées en les fixant avec des coussinets adhésifs double-face. Coller les yeux avec de la colle Dekofix.

Fix the collage pieces with adhesive pads (double-sided). Glue on the wobbly eyes with Dekofix Deko glue.



Auch Bäume haben Träume - Materialaufstellung siehe Seite 142.55

Les arbres ont également le droit de rêver - voir la liste du matériel utilisé page 142.55

Even trees have dreams - list of materials see page 142.55



Collage for Efcolor assortment:

90 002 99 Collage for Efcolor, Assortment, SQ: 1 pc
57 × 5 = 285 bags

Content: 5 bags 90 001 01 – 90 002 74 each



Collage for Efcolor:

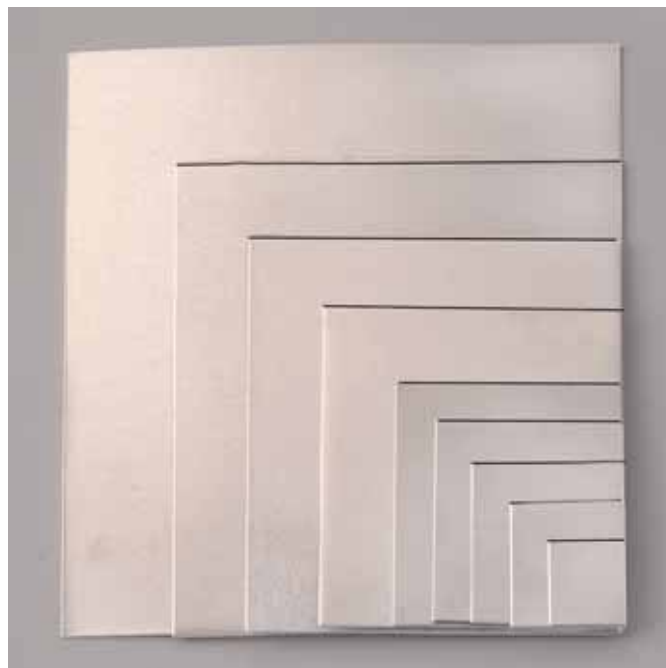
- 90 001 21** Collage for Efcolor, rectangular, alu, 23 × 13 mm, 12 pcs. SQ: 5 bag
- 90 001 22** Collage for Efcolor, rectangular, alu, 49 × 25 mm, 5 pcs. SQ: 5 bag
- 90 001 23** Collage for Efcolor, rectangular, alu, 78 × 47 mm, 4 pcs. SQ: 5 bag
- 90 001 24** Collage for Efcolor, rectangular, alu, 120 × 80 mm, 2 pcs. SQ: 5 bag
- 90 001 25** Collage for Efcolor, rectangular, alu, 150 × 100 mm, 2 pcs. SQ: 5 bag
- 90 001 26** Collage for Efcolor, rectangular, alu, 100 × 6 mm, 10 pcs. SQ: 5 bag
- 90 001 27** Collage for Efcolor, rectangular, alu, 100 × 12 mm, 6 pcs. SQ: 5 bag



Collage for Efcolor:

- 90 001 61** Collage for Efcolor, circle, alu, ø 11 mm, 25 pcs. SQ: 5 bag
- 90 001 62** Collage for Efcolor, circle, alu, ø 15 mm, 20 pcs. SQ: 5 bag
- 90 001 63** Collage for Efcolor, circle, alu, ø 20 mm, 12 pcs. SQ: 5 bag
- 90 001 64** Collage for Efcolor, circle, alu, ø 25 mm, 10 pcs. SQ: 5 bag
- 90 001 65** Collage for Efcolor, circle, alu, ø 30 mm, 8 pcs. SQ: 5 bag
- 90 001 66** Collage for Efcolor, circle, alu, ø 40 mm, 5 pcs. SQ: 5 bag
- 90 001 67** Collage for Efcolor, circle, alu, ø 51 mm, 4 pcs. SQ: 5 bag
- 90 001 68** Collage for Efcolor, circle, alu, ø 71 mm, 4 pcs. SQ: 5 bag
- 90 001 69** Collage for Efcolor, circle, alu, ø 148 mm, 1 pcs. SQ: 5 bag





Collage for Efcold:

- | | | |
|------------------|---|-----------|
| 90 001 01 | Collage for Efcold, square, alu, 20 × 20 mm, 12 pcs. | SQ: 5 bag |
| 90 001 02 | Collage for Efcold, square, alu, 30 × 30 mm, 8 pcs. | SQ: 5 bag |
| 90 001 03 | Collage for Efcold, square, alu, 40 × 40 mm, 5 pcs. | SQ: 5 bag |
| 90 001 04 | Collage for Efcold, square, alu, 50 × 50 mm, 4 pcs. | SQ: 5 bag |
| 90 001 05 | Collage for Efcold, square, alu, 60 × 60 mm, 4 pcs. | SQ: 5 bag |
| 90 001 06 | Collage for Efcold, square, alu, 80 × 80 mm, 4 pcs. | SQ: 5 bag |
| 90 001 07 | Collage for Efcold, square, alu, 100 × 100 mm, 2 pcs. | SQ: 5 bag |
| 90 001 08 | Collage for Efcold, square, alu, 120 × 120 mm, 2 pcs. | SQ: 5 bag |
| 90 001 09 | Collage for Efcold, square, alu, 150 × 150 mm, 1 pc. | SQ: 5 bag |



81



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82

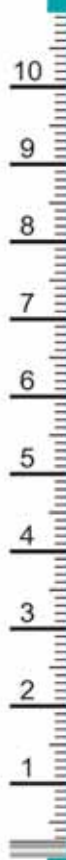


83

Collage for Efcold:

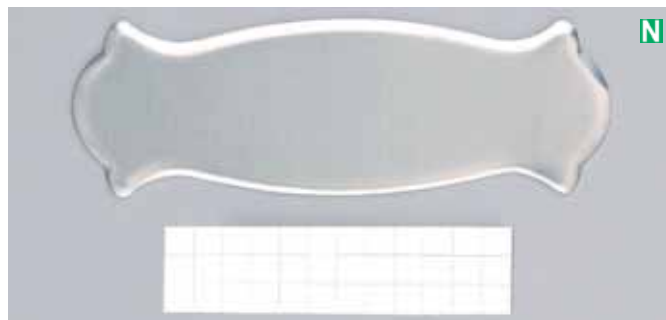
- | | | |
|------------------|---|-----------|
| 90 001 81 | Collage for Efcold, donut, alu, ø 35 mm, 5 pcs. | SQ: 5 bag |
| 90 001 41 | Collage for Efcold, rhombus, alu, 59 × 36 mm, 5 pcs. | SQ: 5 bag |
| 90 001 82 | Collage for Efcold, semicircle, alu, 40 × 20 mm, 8 pcs. | SQ: 5 bag |
| 90 001 83 | Collage for Efcold, semicircle, alu, 60 × 30 mm, 5 pcs. | SQ: 5 bag |

All aluminium items are 0.8 mm thick. These articles are suitable for Efcold cold enamel powders.





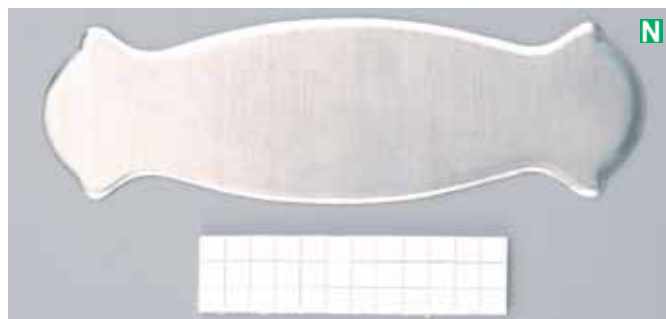
WINKLER



51



52



53



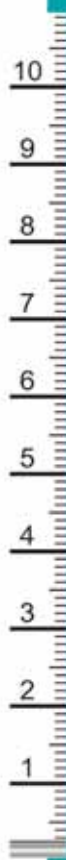
54

Collage for Efcolor:

- 90 000 11 Collage for Efcolor, letter A, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 12 Collage for Efcolor, letter B, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 13 Collage for Efcolor, letter C, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 14 Collage for Efcolor, letter D, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 15 Collage for Efcolor, letter E, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 16 Collage for Efcolor, letter F, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 17 Collage for Efcolor, letter G, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 18 Collage for Efcolor, letter H, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 19 Collage for Efcolor, letter I, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 20 Collage for Efcolor, letter J, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 21 Collage for Efcolor, letter K, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 22 Collage for Efcolor, letter L, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 23 Collage for Efcolor, letter M, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 24 Collage for Efcolor, letter N, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 25 Collage for Efcolor, letter O, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 26 Collage for Efcolor, letter P, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 27 Collage for Efcolor, letter Q, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 28 Collage for Efcolor, letter R, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 29 Collage for Efcolor, letter S, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 30 Collage for Efcolor, letter T, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 31 Collage for Efcolor, letter U, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 32 Collage for Efcolor, letter V, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 33 Collage for Efcolor, letter W, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 34 Collage for Efcolor, letter X, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 35 Collage for Efcolor, letter Y, h 15 mm, 8 pcs. N SQ: 5 bag
- 90 000 36 Collage for Efcolor, letter Z, h 15 mm, 8 pcs. N SQ: 5 bag

Collage for Efcolor:

- 90 000 51 Collage for Efcolor, Door nameplate,alu/adh. pads, 122 x 39 mm, 1 pc. N SQ: 5 bag
- 90 000 52 Collage for Efcolor, Door nameplate, alu / 2 screws, 122 x 39 mm, 1 pc. N SQ: 5 bag
- 90 000 53 Collage for Efcolor, Door nameplate,alu/adh. pads, 152 x 44 mm, 1 pc. N SQ: 5 bag
- 90 000 54 Collage for Efcolor, Door nameplate, alu / 2 screws, 152 x 44 mm, 1 pc. N SQ: 5 bag





93



94



77



78



75



76



79



80

Collage for Efcolor:

- 90 001 93 Collage for Efcolor, segment, alu, SQ: 5 bag
48 x 27 mm, 6 pcs.
- 90 001 94 Collage for Efcolor, segment, alu, SQ: 5 bag
85 x 49 mm, 3 pcs.
- 90 002 75 Collage for Efcolor, wing, alu, SQ: 5 bag
24 x 23 mm, 8 pcs.
- 90 002 76 Collage for Efcolor, wing, alu, SQ: 5 bag
49 x 29 mm, 4 pcs.

Collage for Efcolor:

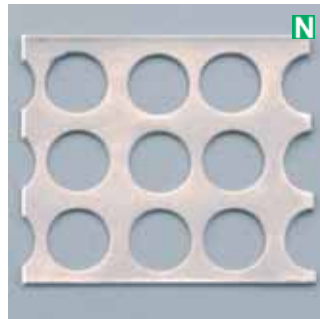
- 90 002 77 Collage for Efcolor, wing, alu, SQ: 5 bag
42 x 31 mm, 6 pcs.
- 90 002 78 Collage for Efcolor, star, alu, SQ: 5 bag
ø 30 mm, 8 pcs.
- 90 002 79 Collage for Efcolor, star, alu, SQ: 5 bag
58 x 37 mm, 6 pcs.
- 90 002 80 Collage for Efcolor, sun, alu, SQ: 5 bag
ø 28 mm, 8 pcs.



95



96



47



92



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44



26



27

Collage for Efcolor:

- 90 001 95 Collage for Efcolor, flame, alu, SQ: 5 bag
40 x 11 mm, 10 pcs.
- 90 001 96 Collage for Efcolor, oval pointed, alu, SQ: 5 bag
70 x 30 mm, 4 pcs.
- 90 001 54 Collage for Efcolor, hexagon, alu, SQ: 5 bag
63 x 55 mm, 4 pcs.
- 90 001 44 Collage for Efcolor, angle, alu, SQ: 5 bag
55 x 14 mm, 6 pcs.

Collage for Efcolor:

- 90 001 47 Collage for Efcolor, perforated rectangle, alu, SQ: 5 bag
50 x 45 mm, 4 pcs.
- 90 001 92 Collage for Efcolor, pinion, alu, SQ: 5 bag
ø 54 mm, 4 pcs.
- 90 002 26 Collage for Efcolor, pig, alu, SQ: 5 bag
56 x 33 mm, 4 pcs.
- 90 002 27 Collage for Efcolor, seahorse, alu, SQ: 5 bag
66 x 32 mm, 4 pcs.

All aluminium items are 0.8 mm thick. These articles are suitable for Efcolor cold enamel powders.



51



52



73



74



53



84



42



43

Collage for Efcolor:

- 90 001 51** Collage for Efcolor, octagon, alu, ø 30 mm, 8 pcs. SQ: 5 bag
- 90 001 52** Collage for Efcolor, octagon, alu, ø 40 mm, 5 pcs. SQ: 5 bag
- 90 001 53** Collage for Efcolor, octagon, alu, ø 50 mm, 4 pcs. SQ: 5 bag
- 90 001 84** Collage for Efcolor, segment, alu, 72 x 41 mm, 3 pcs. SQ: 5 bag

Collage for Efcolor:

- 90 002 73** Collage for Efcolor, heart, alu, 51 x 44 mm, 4 pcs. SQ: 5 bag
- 90 002 74** Collage for Efcolor, heart, alu, 105 x 81 mm, 2 pcs. SQ: 5 bag
- 90 001 42** Collage for Efcolor, quadrangle, alu, 51 x 30 mm, 5 pcs. SQ: 5 bag
- 90 001 43** Collage for Efcolor, quadrangle, alu, 102 x 30 mm, 3 pcs. SQ: 5 bag



72



53



52



51



71



54



23



24

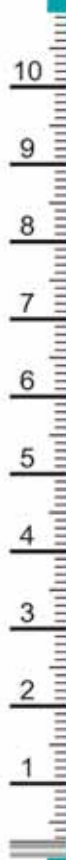
Collage for Efcolor:

- 90 002 72** Collage for Efcolor, arrow, alu, 41 x 14 mm, 8 pcs. SQ: 5 bag
- 90 002 53** Collage for Efcolor, blossom, alu, ø 25 mm, 8 pcs. SQ: 5 bag
- 90 002 71** Collage for Efcolor, cloud, alu, 28 x 14 mm, 10 pcs. SQ: 5 bag
- 90 002 54** Collage for Efcolor, leaf, alu, 35 x 20 mm, 8 pcs. SQ: 5 bag

Collage for Efcolor:

- 90 002 52** Collage for Efcolor, fir-tree, alu, 46 x 40 mm, 4 pcs. SQ: 5 bag
- 90 002 51** Collage for Efcolor, tree, alu, 66 x 35 mm, 4 pcs. SQ: 5 bag
- 90 002 23** Collage for Efcolor, elephant, alu, 29 x 22 mm, 6 pcs. SQ: 5 bag
- 90 002 24** Collage for Efcolor, elephant, alu, 39 x 31 mm, 4 pcs. SQ: 5 bag

All aluminium items are 0.8 mm thick. These articles are suitable for Efcolor cold enamel powders.





45



46



85



86



88



89



87



90

Collage for Efcolor:

- 90 001 45 Collage for Efcolor, angle, alu, SQ: 5 bag 45 x 9 mm, 8 pcs.
- 90 001 46 Collage for Efcolor, double angle, alu, SQ: 5 bag 93 x 9 mm, 6 pcs.
- 90 001 88 Collage for Efcolor, circular section, alu, SQ: 5 bag 60 x 24 mm, 4 pcs.
- 90 001 89 Collage for Efcolor, circular section, alu, SQ: 5 bag 60 x 12 mm, 8 pcs.

Collage for Efcolor:

- 90 001 85 Collage for Efcolor, circular section, alu, SQ: 5 bag 74 x 10 mm, 8 pcs.
- 90 001 86 Collage for Efcolor, circular section, alu, SQ: 5 bag 74 x 20 mm, 5 pcs.
- 90 001 87 Collage for Efcolor, quarter circle, alu, SQ: 5 bag 74 x 48 mm, 4 pcs.
- 90 001 90 Collage for Efcolor, circular section, alu, SQ: 5 bag 41 x 37 mm, 6 pcs.



85



87



88



90

Collage for Efcolor:

- 90 002 85 Pendant for Efcolor, round, alu, SQ: 5 bag ø 51 mm, 3 pcs.
- 90 002 87 Pendant for Efcolor, oval, alu, SQ: 5 bag 52 x 39 mm, 3 pcs.
- 90 002 88 Pendant for Efcolor, pinion, alu, SQ: 5 bag ø 54 mm, 3 pcs.
- 90 002 90 Pendant for Efcolor, octagon, alu, SQ: 5 bag ø 50 mm, 3 pcs.



Collage for Efcolor:

- 90 004 01 Efcolor christmas set, Pendant 8 types sorted, SQ: 3 Set 16 parts

All aluminium items are 0.8 mm thick. These articles are suitable for Efcolor cold enamel powders.



07



03



08



01

Collage for Efcolor:

- 90 002 07** Collage for Efcolor, seahorse, alu, SQ: 5 bag
45 × 17 mm, 5 pcs.
- 90 002 03** Collage for Efcolor, fish, alu, SQ: 5 bag
34 × 21 mm, 7 pcs.
- 90 002 08** Collage for Efcolor, starfish, alu, SQ: 5 bag
30 × 25 mm, 6 pcs.
- 90 002 01** Collage for Efcolor, fish, alu, SQ: 5 bag
23 × 19 mm, 8 pcs.



04



02



06



05

Collage for Efcolor:

- 90 002 04** Collage for Efcolor, fish, alu, SQ: 5 bag
39 × 10 mm, 10 pcs.
- 90 002 02** Collage for Efcolor, fish, alu, SQ: 5 bag
34 × 26 mm, 5 pcs.
- 90 002 06** Collage for Efcolor, snail, alu, SQ: 5 bag
30 × 14 mm, 8 pcs.
- 90 002 05** Collage for Efcolor, fish, alu, SQ: 5 bag
18 × 15 mm, 12 pcs.



22



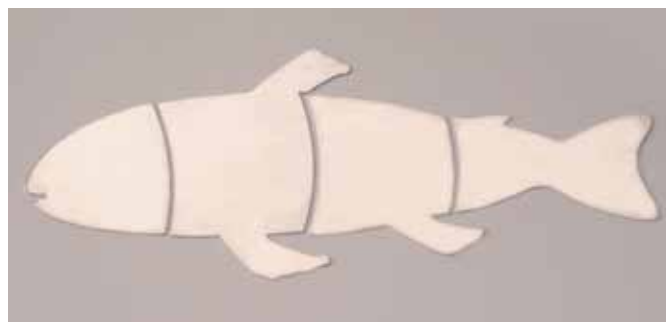
21



25

Collage for Efcolor:

- 90 002 22** Collage for Efcolor, giraffe, alu, SQ: 5 bag
70 × 18 mm, 4 pcs.
- 90 002 21** Collage for Efcolor, giraffe, alu, SQ: 5 bag
41 × 12 mm, 8 pcs.
- 90 002 25** Collage for Efcolor, camel, alu, SQ: 5 bag
44 × 37 mm, 4 pcs.



Collage for Efcolor:

- 90 002 09** Collage for Efcolor, fish, 4 parts, SQ: 5 bag
alu, 260 × 107 mm, 1 pcs.



56

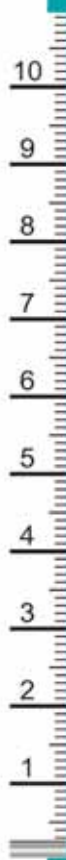


42

Brochure / Poster:

- 89 101 56** Brochure, Efcolor Collage, A 5 SQ: 50 pc
- 89 302 42** Poster, Efcolor Collage, 420 × 594 mm DIN-A-2 SQ: 1 pc

All aluminium items are 0.8 mm thick. These articles are suitable for Efcolor cold enamel powders.





03



04



Collage for Efcolor set:

- 90 003 03** Collage for Efcolor set, Aquarium, 35 parts SQ: 3 Set
- 90 003 04** Collage for Efcolor set, Pattern of squares, 17 parts SQ: 3 Set



01



02



Collage for Efcolor set:

- 90 003 01** Collage for Efcolor set, Noah's ark, 14 parts SQ: 3 Set
- 90 003 02** Collage for Efcolor set, Ice is nice, 6 parts SQ: 3 Set





05



07



06



Collage for Efcolor set:

90 003 05 Collage for Efcolor set, Seventies, 17 parts SQ: 3 Set

90 003 06 Collage for Efcolor set, Timeout, 10 parts SQ: 3 Set

Collage for Efcolor set:

90 003 07 Collage for Efcolor set, Modern Times, 11 parts SQ: 3 Set



08



09



10



Collage for Efcolor set:

90 003 08 Collage for Efcolor set, guardian angel or devil, 70 × 90 mm, 15 parts SQ: 3 Set

90 003 09 Collage for Efcolor set, guardian angel or devil, 70 × 105 mm, 13 parts SQ: 3 Set

90 003 10 Collage for Efcolor set, guardian angel or devil, 85 × 130 mm, 13 parts SQ: 3 Set









1101 / white



1104 / dark turquoise



1105 / lime green



1106 / spring-green



1160 / fondant



1162 / peacock-green



1163 / dark green



1166 / middle blue



1107 / reed-green



1108 / leaf-green



1110 / sunny yellow



1113 / sky-blue



1167 / steel-blue



1176 / dark blue



1177 / smoky topaz



1179 / chestnut-coloured



1114 / royal blue



1115 / cobalt-blue



1116 / terracotta



1117 / tobacco-brown



1180 / silver-fondant



1183 / copper-yellow



1185 / silver-grey



1187 / yellow-green



1119 / oak-brown



1122 / black



1125 / gold-ochre



1130 / dark brown



1188 / blue-violet



1141 / coral-red



1142 / cherry-red



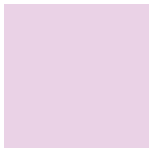
1144 / cardinal-red



1145 / ivory-coloured



1150 / wine red



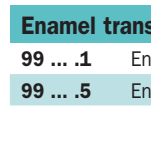
1155 / lilac



1156 / mauve



1157 / violet



1158

Enamel transparent:

991 Enamel transparent, 45 g SQ: 3 PIECE

995 Enamel transparent, 200 g SQ: 1 PIECE

Enamel opaque:

991 Enamel opaque, 45 g SQ: 3 PIECE

995 Enamel opaque, 200 g SQ: 1 PIECE

Backing enamel opaque:

99 115 81 Backing enamel opaque, 45 g SQ: 3 PIECE

99 115 85 Backing enamel opaque, 200 g SQ: 1 PIECE

Fires at 780 - 850° C, for copper, silver, gold and iron.

There may be variations in the colours on different materials as well at different firing temperatures.

The colour shades coral-red (1141), cherry-red (1142), cardinal-red (1144) and wine red (1150) contain cadmium!





Ornament enamel:

99 135 13 Ornament enamel, \varnothing 7 – 10 mm, 40 g SQ: 3 pc



assorted colours

Thread enamel:

99 135 21 Thread enamel, long threads, l ~ 150-170 mm, 10 g SQ: 5 pc



01



02



03

Millefiori:

99 135 01 Millefiori, \varnothing 5 – 6 mm, 40 g SQ: 3 pc

99 135 02 Millefiori, \varnothing 8 – 10 mm, 40 g SQ: 3 pc

99 135 03 Millefiori, \varnothing 15 – 20 mm, 40 g SQ: 3 pc



31 / assorted colours opaque



32 / assorted colours transparent

Chip enamel:

99 135 31 Chip enamel, 45 g SQ: 3 pc

99 135 32 Chip enamel, 45 g SQ: 3 pc



Adhesive for enamel:

99 420 01 Adhesive for enamel, 50 ml SQ: 4 pc



11 / assorted colours

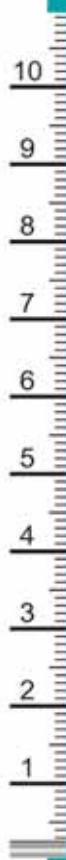


12 / blue / white

Enamel mosaic:

99 135 11 Enamel mosaic, 2,2 x 2,2 mm quadr., 20 g SQ: 5 pc

99 135 12 Enamel mosaic, hexagonal, \varnothing 3,3 mm, 20 g SQ: 5 pc





assorted colours

Enamel set opaque:

99 130 11 Enamel Set opaque, ground, 10 x 5 ml SQ: 1 pc



21 / assorted colours



22

Enamel Set transparent:

99 130 21 Enamel Set transparent, ground, 10 x 5 ml SQ: 1 pc

99 130 22 Enamel Set transparent, for silver, 8x5ml, 1x25ml water SQ: 1 pc



assorted colours

Enamel paint set opaque:

99 130 51 Enamel paints set opaque, 10 x 5 ml SQ: 1 pc



31 / opaque assorted colours

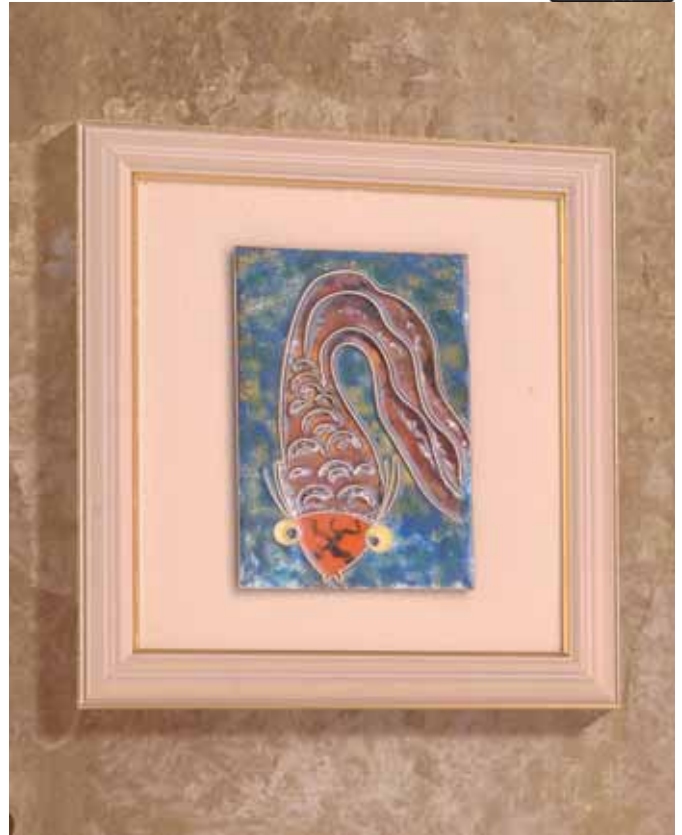


41 / transparent assorted colours

Enamel chips set:

99 130 31 Enamel chip set, 10 x 5 ml SQ: 1 pc

99 130 41 Enamel chip set, 10 x 5 ml SQ: 1 pc



Enamelling accessories:

99 158 01 Sandal wood oil, for enamel paints, 20 ml SQ: 6 pc

Enamel-painting colours

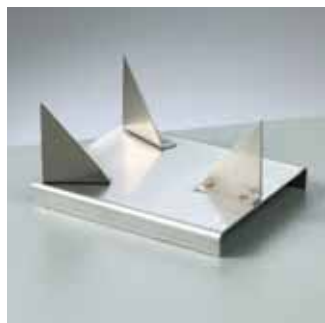
These special glazes are formulated to be applied to previously enamelled surfaces. Mix the powder with sandalwood oil or painting medium. Apply with a good quality water colour brush. Not only can delicate tones and blending be achieved, but the colour can be applied flat as well. Leave for about 10 hours to allow the oil or painting medium to dry completely and then fire again for about 1 minute between 580°C and 650°C. As a guide, the original enamel coat should just be going tacky.



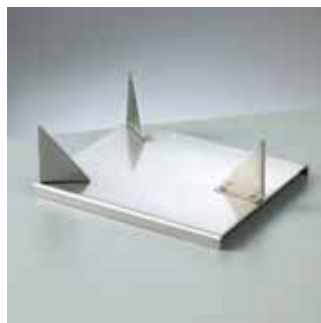
121



231



241



251



311



331

Stand for firing enamel:

- 99 411 21 Stand for backing enamel, for all sizes SQ: 1 pc
- 99 412 31 Stand for backing enamel, for 5 – 55 mm SQ: 1 pc
- 99 412 41 Stand for backing enamel, for 50 – 100 mm SQ: 1 pc
- 99 412 51 Stand for backing enamel, for 90 – 140 mm SQ: 1 pc
- 99 413 11 Stand for backing enamel, multiple SQ: 1 pc
- 99 413 31 Stand for backing enamel, multiple SQ: 1 pc



Copper wire:

- 99 450 11 Copper wire, \varnothing 0,8 mm, 1,5 m SQ: 5 pc
- 99 450 21 Copper wire, \varnothing 1 mm, 1,5 m SQ: 5 pc
- 99 450 31 Copper wire, \varnothing 1,5 mm, 1,5 m SQ: 5 pc
- 99 450 41 Copper wire, flat, 0,5 x 1 mm, 1,5 m SQ: 5 pc
- 99 451 41 Copper wire, flat, 0,3 x 0,7 mm, 1,5 m SQ: 5 pc



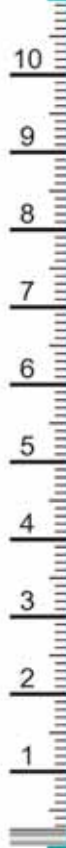
Copper wire round:

- 99 450 01 Copper wire, round, \varnothing 0,8 mm, 5 m N SQ: 5 pc
- 99 450 02 Copper wire, round, \varnothing 1 mm, 5 m N SQ: 5 pc
- 99 450 03 Copper wire, round, \varnothing 1,5 mm, 5 m N SQ: 5 pc



Copper wire flat:

- 99 450 04 Copper wire, flat, 0,3 x 0,7 mm, 5 m N SQ: 5 pc
- 99 450 05 Copper wire, flat, 0,5 x 1 mm, 5 m N SQ: 5 pc
- 99 450 06 Copper wire, flat, 1 x 1,5 mm, 5 m N SQ: 5 pc
- 99 450 07 Copper wire, flat, 1 x 2 mm, 5 m N SQ: 5 pc





Burner rest:

99 401 41 Burner rest, 150 x 150 mm SQ: 1 pc



Enamelling accessories:

99 404 31 Enamel spatula, L 160 mm SQ: 1 pc



21



31

Abrasive block:

99 403 21 Abrasive block, medium, 50x40x20 mm SQ: 1 pc

99 403 31 Abrasive block, fine, 50x40x20 mm SQ: 1 pc



51

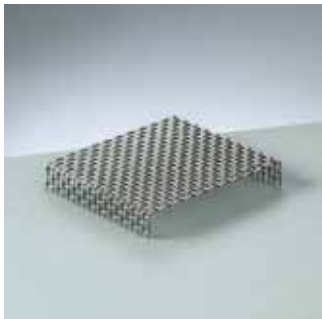


61

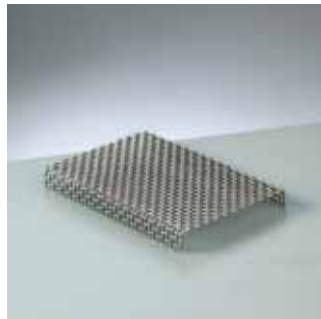
Enamelling accessories:

99 404 51 Firing pincers, 400 mm SQ: 1 pc

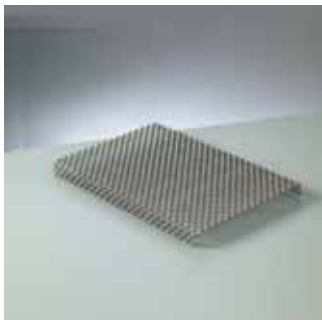
99 402 61 Acid pincers, plastic, L 110 mm SQ: 1 pc



41



51



53

Firing sieve:

99 411 41 Firing sieve, 80 x 70 mm SQ: 1 pc

99 411 51 Firing sieve, 120 x 80 mm SQ: 1 pc

99 411 53 Firing sieve, 180 x 120 mm SQ: 1 pc



Firing shovel:

99 403 91 Firing shovel, large, l 480 mm SQ: 1 pc



Drawing rod:

99 403 81 Drawing rod, large, L 420 mm SQ: 1 pc



MADE IN GERMANY

Enamelling accessories



Spatula:

99 412 91 Spatula, with wooden grip, 160 mm SQ: 1 pc



23 carat



Real gold flakes:

99 460 08 Real gold flakes with dredger, for decorating food, 100 mg SQ: 1 Set



U-strip / Enamel sieve:

93 719 01 U-strip, b 32 t 22 h 5 mm, 2 pcs. SQ: 5 pc

93 719 02 U-strip, b 32 t 22 h 5 mm SQ: 10 pc

99 402 53 Enamel sieve, ø 80 mm SQ: 1 pc



22 carat



Pure gold-leaf:

99 460 10 Pure gold-leaf, for decorating food, 80 x 80 mm, 10 sheets SQ: 1 pc



51



52

Sieve top:

99 401 51 Sieve tops, ø 36 mm, 2 pcs. SQ: 5 bag

99 401 52 Sieve tops, ø 36 mm SQ: 10 pc



Real silver foil:

99 460 11 Pure silver foil, 95 x 95 mm, 25 sheets SQ: 1 pc



Sieve top:

99 401 54 Sieve tops, for enamel 200 g, ø 55 mm SQ: 10 pc



Carborundumstone:

99 400 71 Carborundum stone, 13 x 13 x 100 mm SQ: 1 pc





Instructions for Enamelling

Real enamel - 780 °C to 850 °C - in an enamelling kiln

The workplace

The main priority for successfully achieving good enamelling is absolute cleanliness, as soiled enamel inevitably leads to faulty firing. It is advisable to place several sheets of paper on the surface on which the decoration work is to be carried out, so that any remaining enamel can then be poured back into the sprinkling container again. Although all EFCO kilns are well insulated, a considerable amount of heat arises in the area around the kiln. It is therefore advisable to place the appliance on a heat resistant surface. For this purpose you can use a firing rest, which should also always be placed in front of the kiln, and on which the hot copper pieces can be placed to cool down after firing. As a matter of course, tools should also be clean. Place them so that they are always within your reach. The workplace is essentially not the place for articles of food. The processing instructions for the different types of enamel must be followed exactly.

Preparing the metal

For the purposes of enamelling, the surface of the metal must be clean and free of any grease, so that the enamel can adhere well to the copper. Any soiling is rubbed away with a carborundum file or an abrasive block.

Decorative work

Decorative enamelling can be carried out using very many techniques. Here we want to give you an overview with some ideas and good tips. You can find further detailed instructions in the well known specialised books. Naturally you can apply any sort of enamels randomly to all sorts of shapes and then fire them, whereby attractive patterns often result. However, it is recommended to make a rough design beforehand and to determine the technique to be used, so that the area of the pattern and the colours used are well suited to the metal shape.

The sprinkling techniques

Powdered enamel is sprinkled as evenly as possible onto the piece to be enamelled directly from the sprinkling container, with a sieve tube for smaller pieces and with the sprinkling sieve for larger shapes, so that the layer of powder is approximately as thick as the copper. The surface must be covered so that no metal shines through, because if the covering is too thin, black spots appear during the firing due to scaling. If the enamel coating is too thick, it can chip off easily or it contracts considerably during firing, so that it curls up at the edges in places, which then have to be treated with the carborundum file and then patched up by re enamelling.

Convex or concave shapes

Dry enamel slides towards the middle of blanks with vertical sides. In order to prevent this, before sprinkling, we use a paintbrush to apply a thin, even layer of glue solution onto the workpiece, paying particular attention to the edges and strongly curved surfaces. When decorating, it should be ensured that the sprinkling is continuously carried out from the edge inwards, to guarantee that the coating is even. Strongly curved vessels are held in the hand at a slanting angle, so that the enamel falls as vertically as possible onto the surface. Shapes with very steep sides should be sprinkled with somewhat more powder at the edges, taking care not to use too much powder thus causing the enamel to flow off when melting. During decorating work, the workpiece is turned slowly until a complete coating of enamel has been achieved. The bottom or centre is sprinkled as a final step. Before firing, the applied glue solution must of course be fully dry, otherwise the fast evaporating liquid would cause

bubbling in the enamel.

Burn-through technique

Each enamel has different melting characteristics. We divide them into five groups ranging from soft to very hard; that means: soft enamels melt more quickly than hard ones. We can make use of these disparities when creating decorations. We sprinkle on a soft enamel as a base and a hard one on top of it. During firing, the hard enamel sinks into the soft enamel, so that after cooling down an unusual speckled decorative surface results. To achieve this burn through effect, we have to work with high temperatures in the muffle.

Firing effects

Through excessive temperatures and longer firing colour changes occur in many opaque enamels, which lead to interesting decorative effects. The colours silver grey, lime green, dark turquoise, lilac-pink become opalescent, i.e. semi-opaque. The colours lemon yellow, ivory, leaf green and white acquire a darker edge when fired sharply. Red acquires black speckles with this firing method, which is often a charming desired effect.

Glue solution technique

Glue solution is not only used as an adhesive, but it can also be used to create decorations. First of all an enamel base is fired, and after cooling, the desired decoration is painted onto the enamel layer with a paintbrush and glue solution. Now the contrast enamel is sprinkled onto the object and then knocked off again. After drying, the decoration is melted on.

Foil technique

The EFCO foils are pure gold and silver, which have been beaten by hand to become wafer thin and are produced especially for artistic enamel work. For this reason, this valuable material should be handled with particular care. Once again the workpiece is fired with an enamel base. Then with fine scissors or a razor blade – if possible after making a rough design – we cut shapes out of the foil, which should be laid between thin tissue paper for this purpose. Now we apply glue solution to the cooled enamel layer and carefully arrange the pieces of cut foil on it as desired, using tweezers or a paint brush. All larger pieces are perforated with a needle, so that the air trapped underneath can escape during firing. As soon as the glue solution is dry, the decoration is melted on briefly, so that the precious metal binds with the enamel base.

The work can be left as it is, however the surface is rather vulnerable to touch. It is more practical and in a certain way more effective, if in addition a transparent enamel is now sprinkled over the foil inlay and subsequently fired. Due to the gold or silver underneath, the decoration appears particularly shiny. The crinkling of the foils, which occurs during this process, enhances the brilliance.

Wiping technique

Different coloured enamels are sprinkled onto an enamelled base next to one another. By simply stroking over these with a dry paintbrush, the colours can be wiped into one another, so that charming motifs, half burn-through technique, half tone in tone, are created. The enamel layer can also be sprinkled with just one different colour. The contours are then wiped away with a paintbrush and very fine colour transitions are achieved. With a dampened brush you can dab out spotted patterns in the sprinkled area.

Instructions for Enamelling



Real enamel - 780 °C to 850 °C - in an enamelling kiln

Pencil drawing

With a soft pencil, black and white drawings can be carried out on a light coloured enamel base. A light enamel base is fired first of all, and after cooling this is roughened with a carborundum file. Now the graphite can adhere and the drawing can be started. Afterwards the finished workpiece becomes smooth in the kiln and the graphite is melted very briefly.

Stirring technique

The cleaned metal surface is sprinkled with a base layer of enamel. Then, with tweezers, we position different coloured enamel chips on top and place the workpiece in the kiln. As soon as the chips start to melt, we place the tip of a drawing rod in the muffle until it becomes red hot. Then, in the kiln, we stir with it through the enamel surface which in the meantime has melted through. This work must be carried out relatively quickly, so that the melted enamel does not burn too long. However, this is a very simple technique and exceptionally effective. Instead of chip enamel we can also use granular and thread enamel or enamel powder, which has been applied in little heaps with the tip of a knife. Random or specially designed decorations can be achieved as desired and as arranged.

Sgraffito technique

A base coating of enamel is fired and then enamel of a different colour is sprinkled onto it thinly. Taking the other end of a paint brush or a stylus, we now scratch a pattern of lines out of the sprinkled area and then fire the decoration. However, the lines must not be too thin, as the enamel covering can easily run together during firing. Individual decorative effects can also be achieved by using a thin eraser for the sgraffito technique. In this way the enamel is heaped up at the edges of the lines, so that a slight relief effect is produced.

Wet application

Enamel is not only sprinkled on in a dry form, but with a paintbrush or a spatula it can also be applied as a soft mixture directly onto the copper. For this purpose, the enamel is stirred to a mixture (preferably with distilled water) which is still just fluid, and to which a certain amount of glue solution has been added for shapes with vertical sides. The powder swells up in liquid, so that wet enamel should be applied rather more thickly. After application it is advisable to shake the prepared piece by cautiously knocking on the work surface. In this way, the wet enamel is distributed evenly over the surface. Any water, which rises to the surface, can be soaked up easily with a cloth or absorbent paper. When working with wet enamel, it should always be ensured that the fluid has evaporated from the enamel before firing. To do this, the workpiece is placed near the kiln. If you are in a hurry, it can also be held briefly in the hot kiln several times, until the fluid has evaporated. However, if the moisture dries too quickly, bubbles form in the enamel and these turn black during firing.

Relief technique

On an already enamelled surface, a thick mixture of enamel, to which a certain amount of glue has been added, is applied to three-dimensional ornaments, such as spirals, stars etc. and then corrected with a hook knife. After drying, a short hot firing should follow, so that the relief effect remains on the layer. If the decoration sinks down too much, a new relief is applied. For this work we recommend using hard enamels on a medium soft base.

Swinging technique

We apply our enamel mixture in little heaps next to one another over the whole object. Now we swing the workpiece around in circles with the hand, so that the enamel forms spirals in the opposite direction to the swinging. Places, where the metal still shines through, or edges, which are not covered by the enamel, are coated with wet enamel afterwards. Dry before firing. This technique is not only used with round concave dishes, but is also suitable for all other geometric shapes.

Fluid glazing effects can also be achieved with wet applications and the swinging technique on pre-enamelled, one coloured flat copper pieces, since all swinging decorations can be further developed with a thick, well moistened paintbrush. However, it is advisable to swing the workpiece again lightly as a final step, in order to soften undesired hard colour transitions.

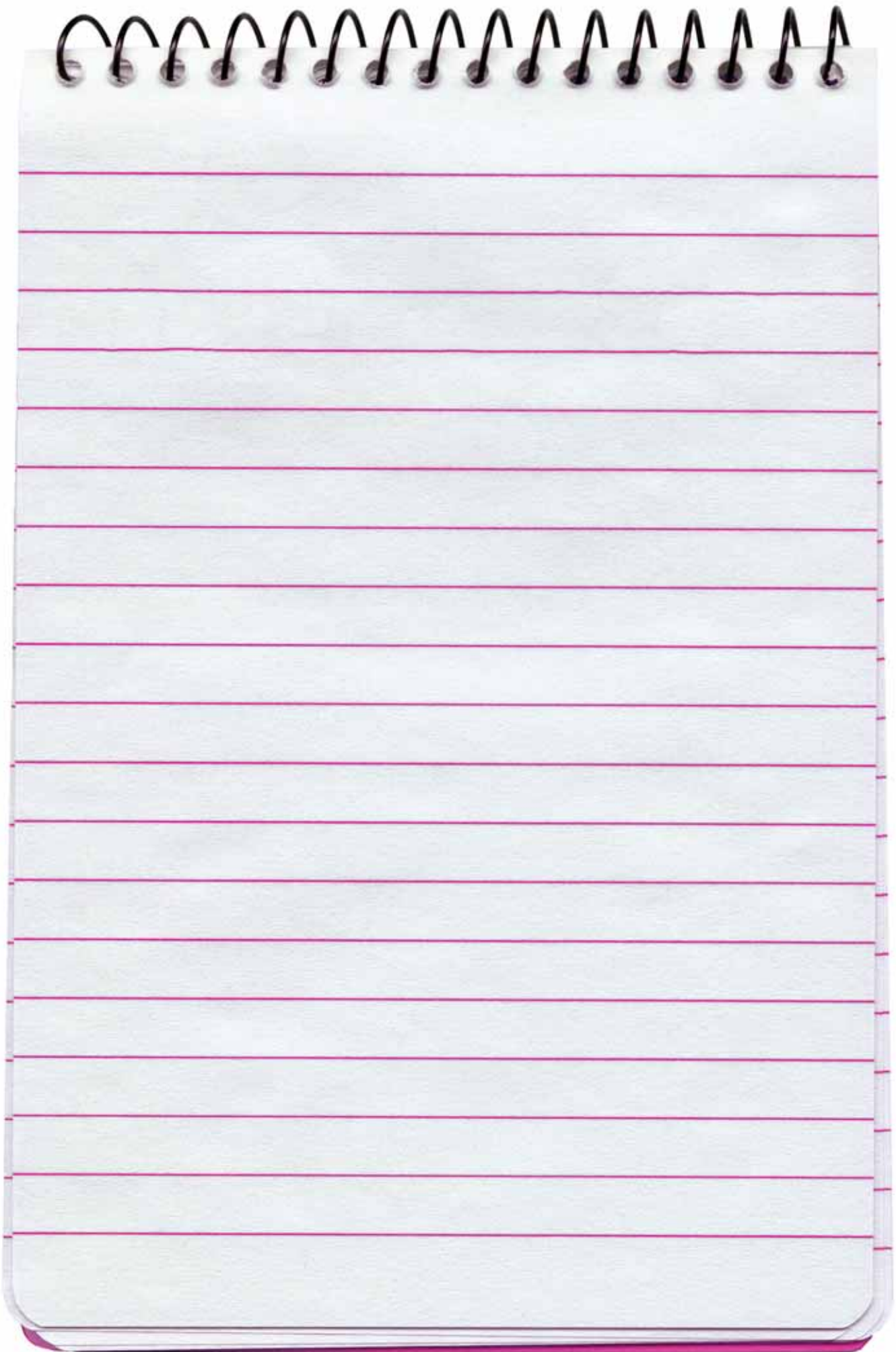
Runny glazing

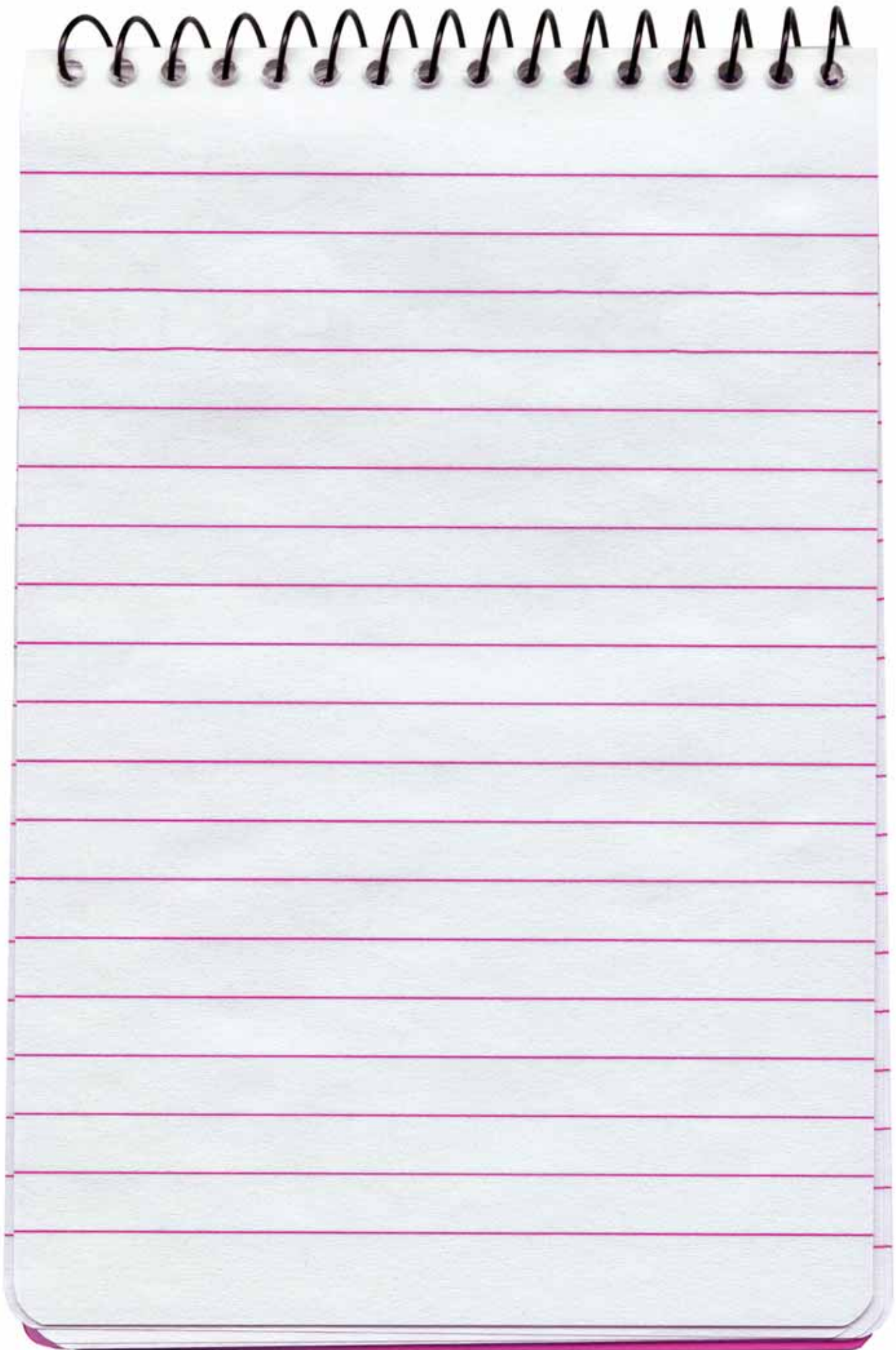
Dishes with vertical sides are enamelled with a base coat. After cooling, a thick enamel mixture of a different colour made only with glue solution is applied with a spatula at short intervals to the edges of the workpiece. During the firing process, the thickly applied enamel runs down the steep sides. With a little practice, the enamel mixture can be applied directly onto the powdered, unfired enamel so that only one firing is necessary. However, everything must be dry beforehand!

Firing temperatures

The firing temperatures for decorative enamel range between 800 °C and 900 °C, whereby the muffle becomes red hot. The melting time is about 2 to 3 minutes, depending on the size of the object. You can interrupt the firing process at any time and repeat it as often as you wish.

We wish you every success with professional enamelling techniques!











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