



ANGEL FIGURE



MATERIAL

RED ANGEL

Tekta	BULLSEYE TEKTA 1100-38F 3mm (7705348)
Glasspowder Bullseye	1125 (3541849), 1122 (3541815), 1311 (3541811)
Kanthal wire	d:1.0 mm (3529010)
Glass Reactiv	BULLSEYE 1015-30F (7745430)
Liquid gold	1001-12% 2g (5430001)
Pen	for liquid gold + palladium fine (3562156)
Japanese Genuine Silver Foil	230 x 230 mm 1 sheet (3530250)
Cement	Diy-Market
Prime	Universal primer 125ml clear (5420102)
Gold	Metal base gold 125ml (5420302)
Metal protection	Metal protection zapon-vanish 60ml (5420601)

SILVER ANGEL

Tekta	BULLSEYE TEKTA 1100-38F 3mm (7705348)
Glasspowder Bullseye	0113 (3541801), 1311 (3541811)
Kanthal wire	d:1.0 mm (3529010)
Dichroic	Dichroic 1101-50 silver (3532027)
Liquid gold	1001-12% 2g (5430001)
Platinum	Liquid platinum 3000-10% 2g (5430201)
Cement	Diy-Market
Prime	Universal primer 125ml clear (5420102)
Silver	Metal base silver 125ml (5420301)
Metall protection	Metal protection zapon-vanish 60ml (5420601)

BLUE ANGEL

Tekta 3mm	
Glasspowder Bullseye	1114 (3541813), 0113 (3541801), 1311 (3541811), 0320 (3541864)
Kanthal wire	d:1.0 mm (3529010)
Cement	Diy-Market
Prime	Universal primer 125ml clear (5420102)
Iron ground	Iron ground medium fine 125ml (5420204)
Oxid No.19	Oxidation medium 125ml No19 (5420502)
Metal protection	Metal protection zapon-vanish 60ml (5420601)

COMMON

Sketch an eventual body-shape on a piece of paper.

Trace the requested line with a felt-tip pen and mark the later position of the wings.

Transfer the shape of the head, wings and body on the glass in use.

Cut the glass by tracing the marks with your glass cutter and release the pieces from the sheet.

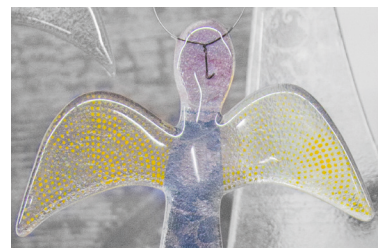
After you have cut all the pieces, put them on the sketch and see whether everything is satisfactory.



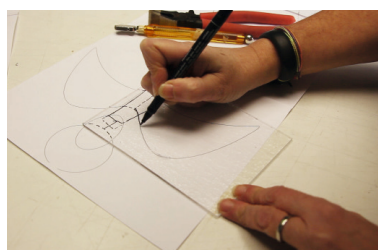
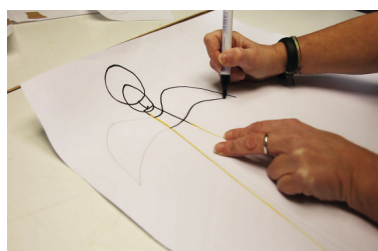
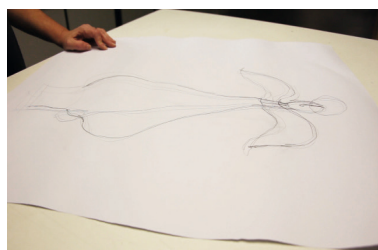
Red angel with gold lettering



Silver angel with mit Dichroic



Blue angel with Powderprinting





BODY

STEP 1

For the design of the body, you have many options available. We give you three examples listed in this impulse.

STEP 1.1

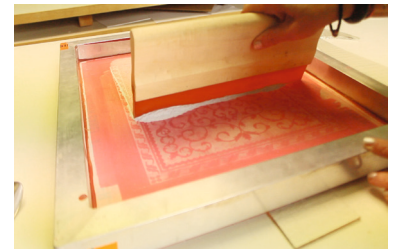
Powderprinting

For this purpose, we use the technique that is also used in printing, only with glass powder instead of the ink.

Place the screen on the glass, put the glass powder on top of it and disperse it evenly with the squeegee.

Move the screen away from the glass, taking care not to blur the pattern.

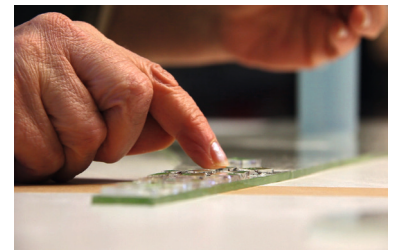
(More informations in the Impulse „Powder Printing“)



STEP 1.2

Dichroic and palladium

Use dichroic glass- strips or palladium (5430201) for your decoration. Cut out small pieces of dichroic glass and glue them on your basic glass with fusing-glass. You can also combine those materials with glass powder. In this case, apply the powder generously over the angel's body and remove the excess material by a smooth pinsule or a sponge pen.



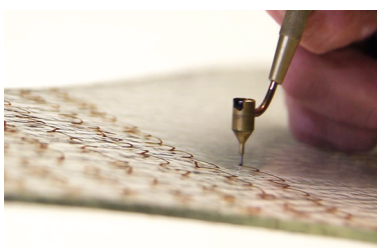
STEP 1.3

Powder

Do you want a little more colour? Then apply coloured glass powder on your transparent clear base glass.

The upper sheet can then be decorated with a writing or a design by a stylograph (3562156) and liquid gold (5430001) .

Tip: The basic construction of the angel consists of two layers, which can optionally be decorated before the firing.





STEP 2

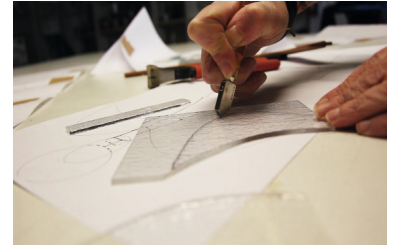
The wings

Likewise you are not limited with the wings. You may also create those with all liberties. We have decided for a high-quality precious metal, Japanese genuine silver foil (3530250). Cut each a suitable form matching the wings from your silver foil.

The foil is to be fused in the sandwich method.

Tip:

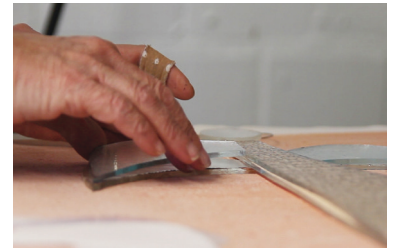
Gold and silver-foils can easily be cut with a sharp knife or sharp scissors. Put the foil in between 2 sheets of paper and cut all together with the embedded foil. Cull the foil with tweezers or a knife blade.



THE BASE

STEP 1

For the base, create a mold of paperboard and reinforce the borders with bricks to ensure that the cement will not move.



STEP 2

Place a piece of glass into the middle of the mold as a place-holder for the assembly of the angel later. Take a piece of glass with the same thickness as of the angels (2x3mm) and wrap it with tape. The glass has to be completely covered by the tape to ensure that the cement will not stick to the glass. Take care that the pieces are positioned in the middle and that they are straight and upright. A subsequent correction is impossible.



STEP 3

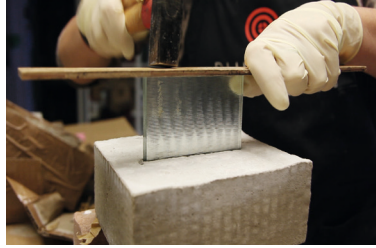
Now fill in the cement gently into the mold. Make sure that it is equally distributed. Let it cure now for 24h.

Attention! The sand in the cement mix should not be too fine.



STEP 4

Once the cement has entirely dried, remove the paperboard and the visible tape. Then you squeeze the glass carefully out of the block, placing a piece of wood on the glass and carefully knocking on it with a hammer along the border. While this process, turn the block several times and hammer each from both sides to loosen the tape and to enable you to take the glass away easily. Don't try it by force! The glass could break or splinter in the block.

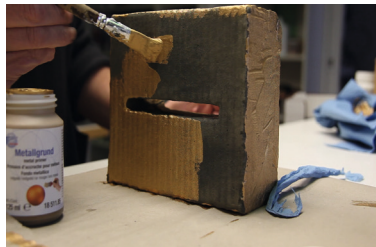
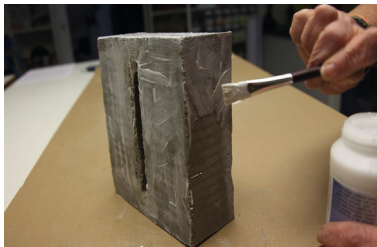


STEP 5

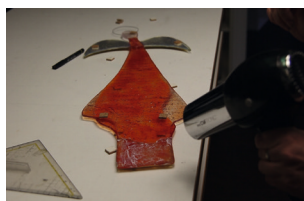
You may finish the block with several techniques. We offer for example a wide range of products around the subject metal oxidation. Those oxidation coatings have especially been developed for non-metal surfaces.

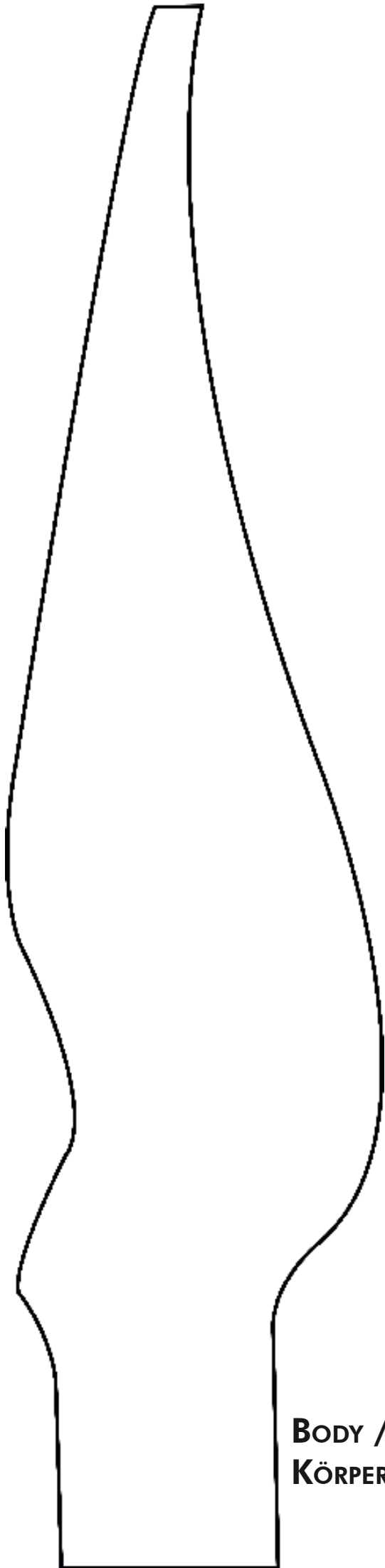
SHORT INSTRUCTIONS

Cover the cement with wash primer and let it dry completely. In the next step, you apply iron primer or metal primer gold or silver. The primers can be used as a base for later oxidations. (More informations you'll find in the Impulse „Metal Oxidation“)

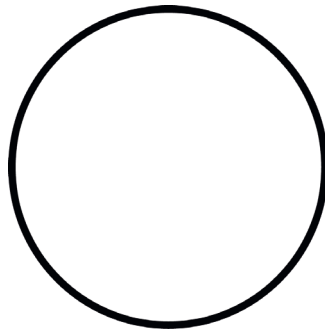


Tip:
The metal primers can also be used to create an attractive crossover from the glass angel to it's base.



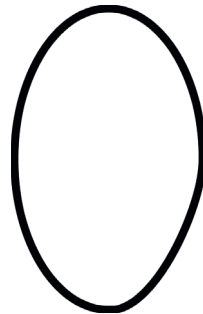


**BODY /
KÖRPER**



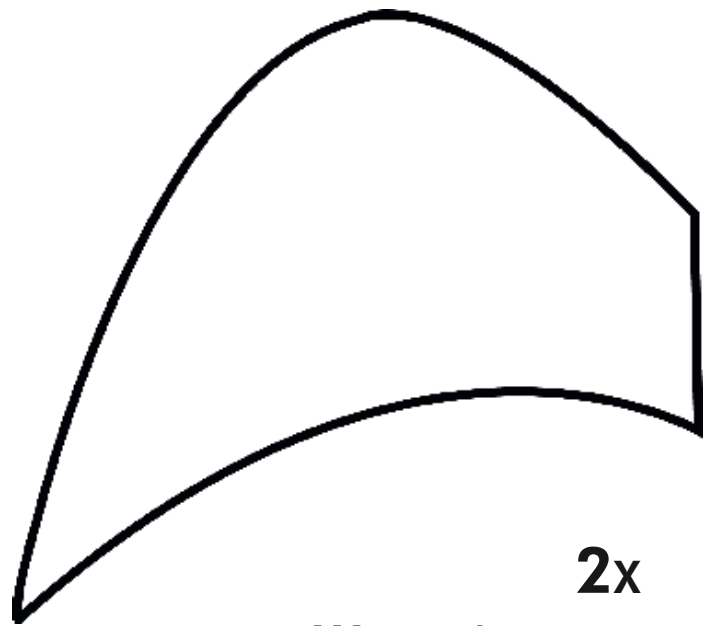
**GLORIOLE /
HEILIGENSCHIEIN**

1x



**HEAD /
KOPF**

2x



2x

**WINGS /
FLÜGEL**

2x