

Stele "Gold and Silver"

Work instructions and drawings



Height approx. 40 cm and approx. 46 cm / 16" and 18"

Detailed views



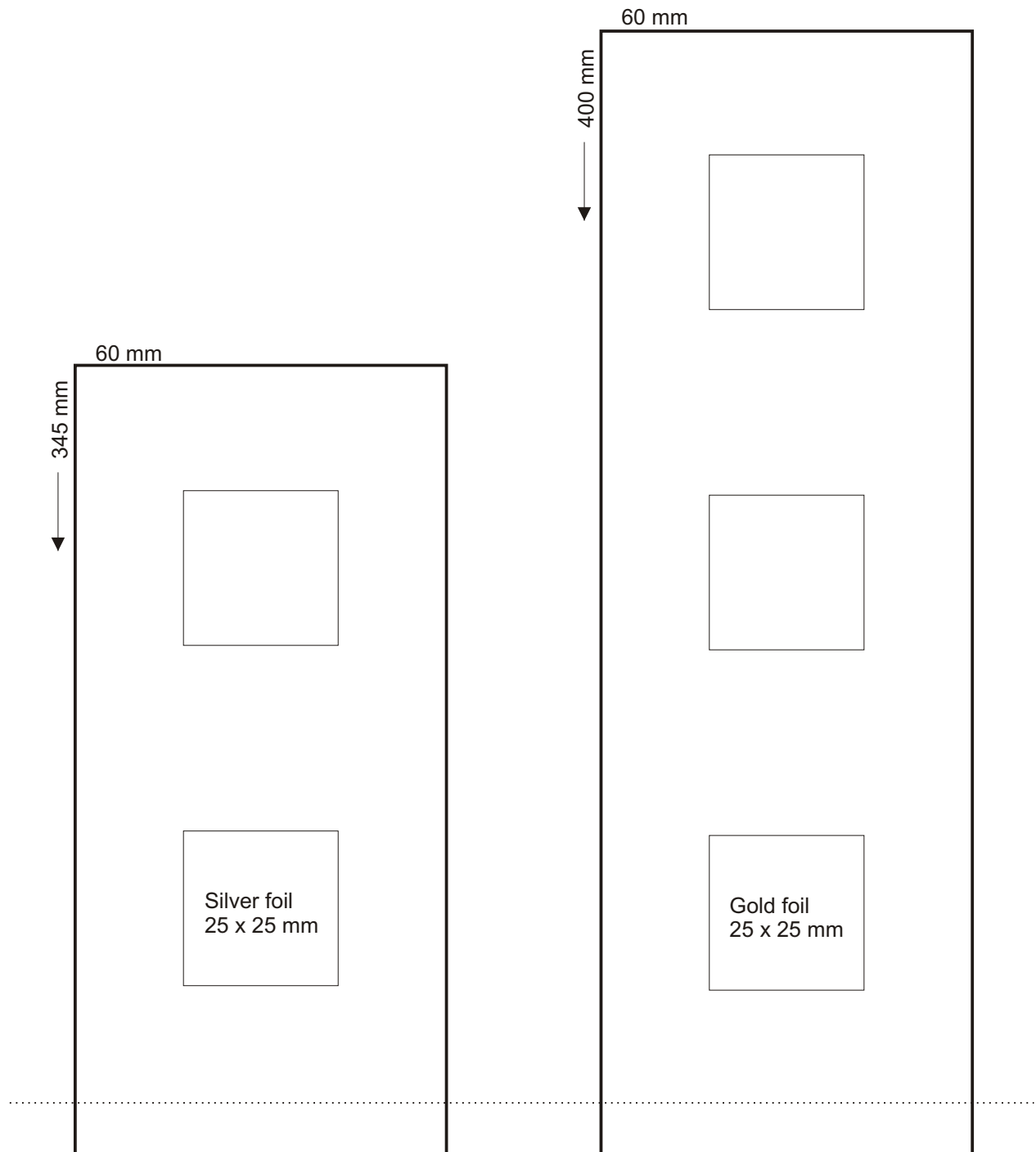
Example with Bullseye 4211-00F and gold foil

Example with Bullseye 4212-00F and silver foil

Pattern 1:1

Part A

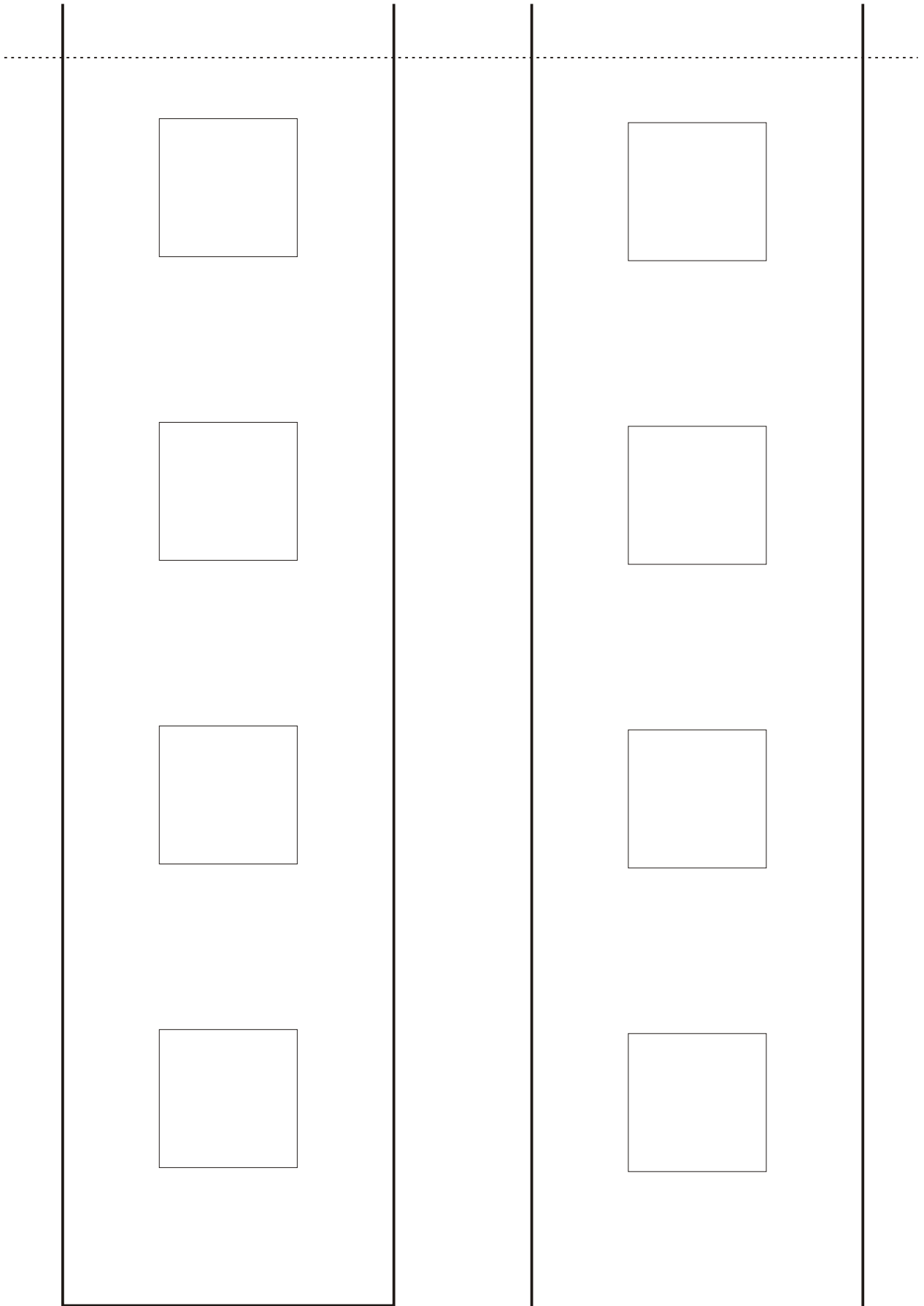
add Part A and Part B together following the dotted lines.



Pattern 1:1

Part B

add to part A and part B
together following dotted lines.



Note on gold and silver foil

Use gold foil or silver foil, not gold / silver leaf - this is usually too thin for fusing.

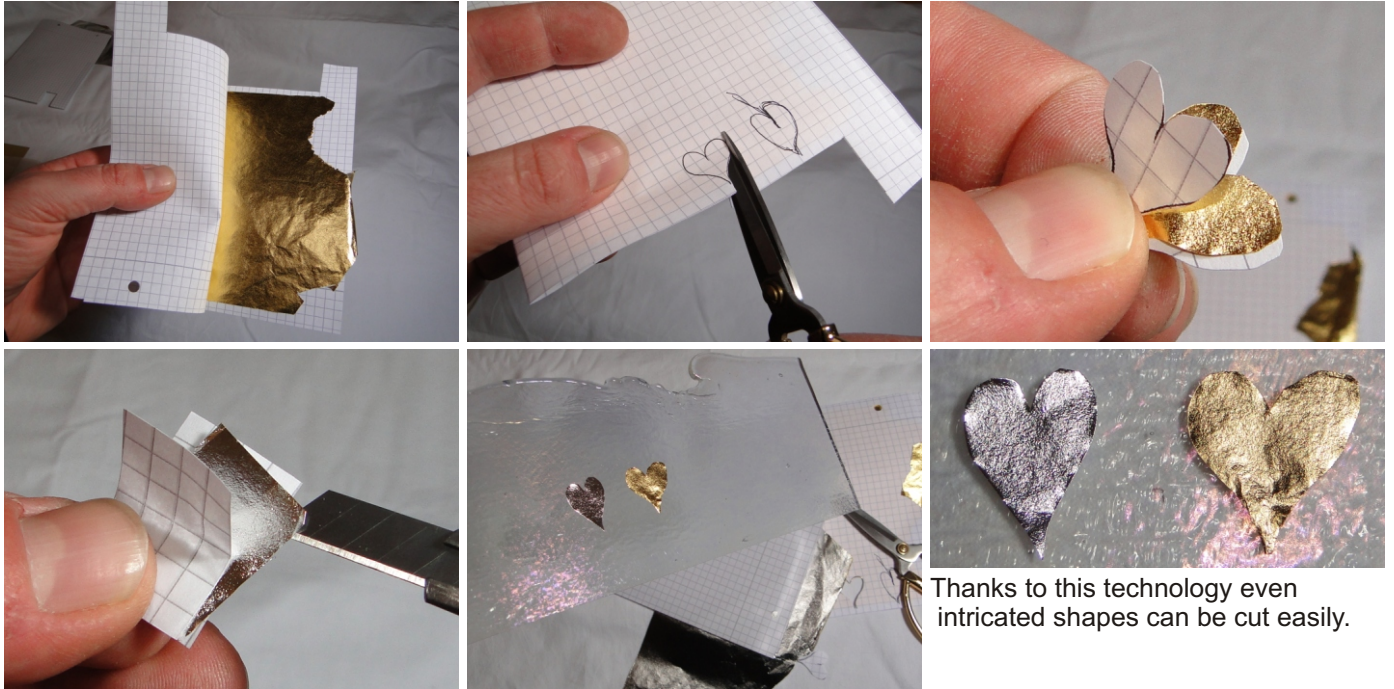
Silver Foil: No. 3530250

Gold Foil: No. 3530550

Gold and silver foil can be easily cut with a sharp knife or a pair of scissors.

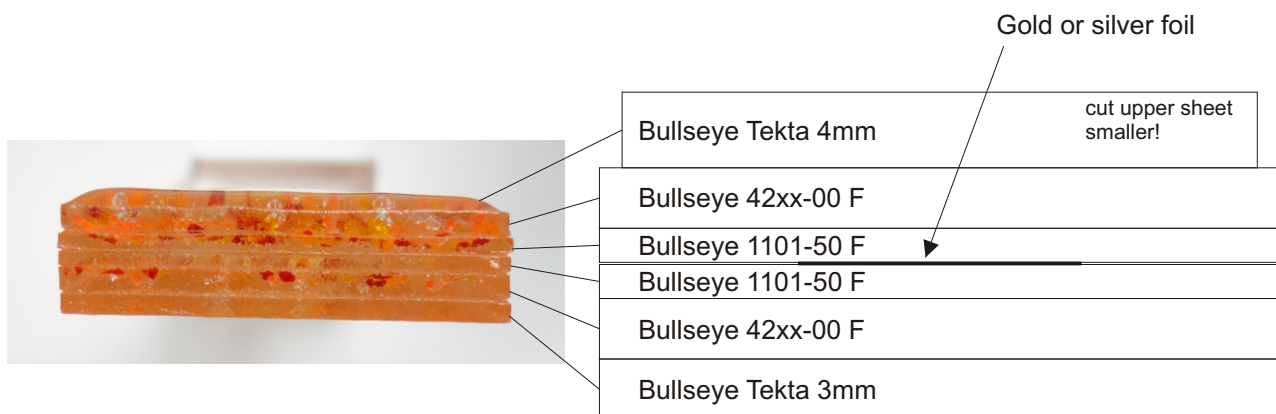
Even if the foil is already much thicker than gold leaf / silver leaf, they still should be treated carefully.

Advice: Place the foil between two sheets of paper and then cut the paper along with the embedded foil. The foil can be found with a pair of tweezers.



Thanks to this technology even intricate shapes can be cut easily.

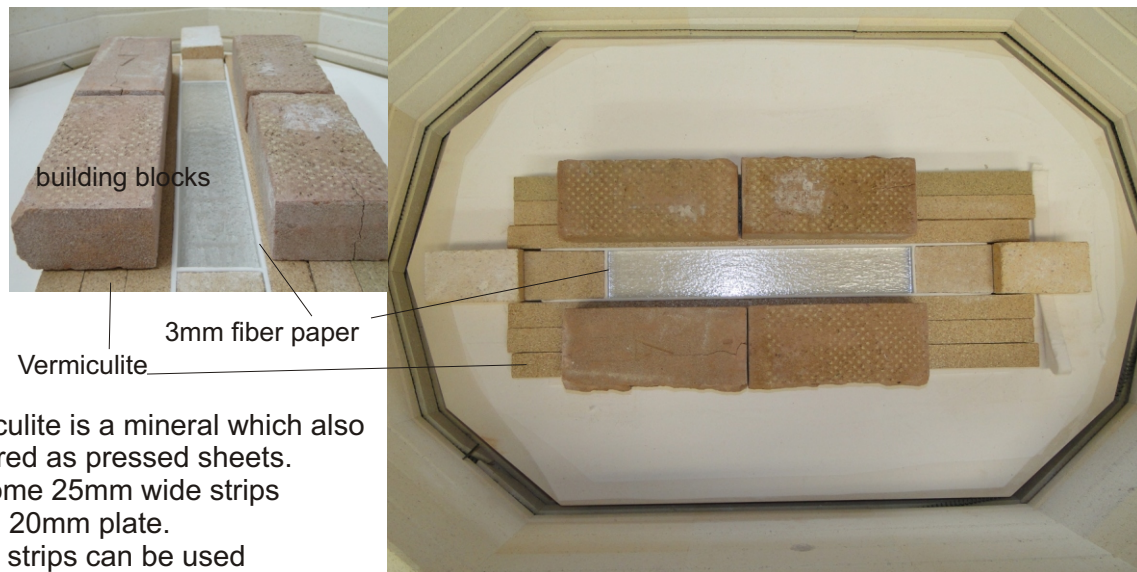
Layer structure



Cut the upper piece all round 2mm smaller. This way you get a cleaner round melted edge. Deburr the sharp corners, the corners will come out nicer after the fusing process.

Place the silver foil or gold foil between two clear glass pieces. Some metals react during fusing process with the constituents of the colored glass, this reaction usually leads to not desired results. Silver reacts with the yellow glass to brown. This effect can be avoided by inserting clear glass between the metal and colored glass.

Build in oven



Vermiculite is a mineral which also is offered as pressed sheets. Cut some 25mm wide strips from a 20mm plate.

These strips can be used repeatedly and have use for long and straight boundaries. From pre-fired 3mm fiber paper, cut strips, about 3mm wider than the glass structure height.

Set the oven with a pre-fired 3mm thick fiber paper.

Now stack the pieces of glass in the kiln and reduce the side with the fiber and paper strips of vermiculite. The vermiculite strips are weighed down with stones.

Ready – turn on the oven!

Firing schedule

Like with all other information, the firing schedule here, is also without warranty. Generally it depends on the selected temperature curve, including both of the glass family and processed colors of the oven.

This proposal and implemented project relates to the one described here with Bullseyeglas:

180' - 500°C - 0'
 0' - 800°C - 20'
 0' - 482°C - 180'
 150' - 427°C - 120'
 End

UV stele bonding on a glass block 60x60x90mm (ArtNr. 9860755) oder 90x90x60mm (ArtNr. 9860757)

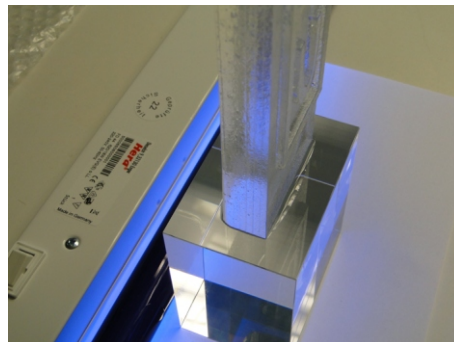


Clean the contact surfaces with a special cleaner.

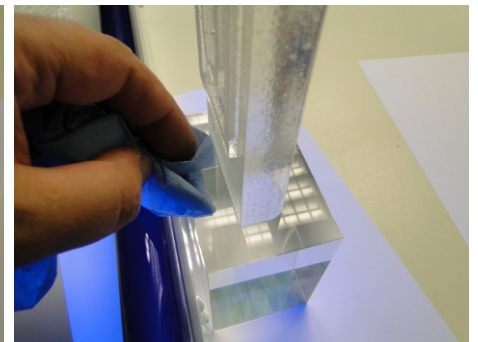
Item cleaner. 5097600

UV adhesive: MV-760 Item. 5099010

UV lamp: Item. 5098500



Add enough UV glue (Better a little too much than too little) onto the stele floor, align the stele straight (with angle or protractor) and irradiate the splice with the UV lamp.



Wait briefly until the stele on the glass base can no longer be moved. Redundant adhesive can now easily be removed ..

ready ...!, very good!