



ASSYST sprl / A.S.O.W. sprl
Hellegatstraat 13a - 2590 Berlaar - Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
Email: ao@assyst.org / vera.opsommer@assyst.org

PATINAS

DESCRIPTION:

Patination is the application of an oxidation layer on metal objects (bronze, copper, brass, iron, aluminium). This can be done either cold or hot. Please note: the same patina gives a different result on each metal.

Cold patinas are applied with a brush or with a cloth, or by dipping. You let each layer dry in the air. When you have reached the desired colour, rinse the object with water.

Hot patination means that you heat your object using a gas burner.

To add lustre and protect the patina, the sculpture is finished with a wax layer.

WORK TECHNOLOGY:

- ✓ Remove all dirt and grease from your metal with cellulose thinner and/or ammonia.
- ✓ For the cold patinas:
Apply the patina to your sculpture and allow to air dry. Repeat this process until you have obtained the desired colour. Then rinse with water to stop the reaction. After this you have 2 choices: either you let nature continue its work and the colour will still change with time. Or you can apply a layer of wax to your statue to protect the colour. This wax layer must be repeated regularly.
- ✓ For the warm patinas:
Heat your statue using a burner. Apply the patina to your sculpture and let it dry in the air or burn it a little more. Repeat this process until you have obtained the desired colour. After this you have two choices: either you let nature continue its work and the colour will still change with time. Or you apply a wax layer to your image to protect the colour. This wax layer has to be repeated regularly.

WHY DOES IT SOMETIMES FAIL?

There are various reasons why patination sometimes fails:

- ✓ Your metal was not cleaned enough
- ✓ Everything depends on the alloy of your metal. One metal has a different composition than another.
- ✓ It does not work on stainless steel. Stainless steel is stainless steel. It cannot be patinated or oxidised.

COLOURS AVAILABLE:

Our cold patinas are ready for use.

- ✓ Cold patina 60/1 gives a brown-green colour to copper, brass and bronze
- ✓ Cold patina 77/2 gives an antique green colour to copper, brass and bronze
- ✓ Cold patina 77/2 gives a black colour to zinc
- ✓ Cold patina 111 gives a light green colour to copper, brass and bronze
- ✓ Cold patina 155 gives a dark green colour to copper, brass and bronze
- ✓ Cold patina 208 is the basis for cold patina 720 and cold patina 820
- ✓ Cold patina 464 gives a green colour to copper, brass and bronze
- ✓ Cold patina 516/3 gives a brown colour to copper, brass and bronze
- ✓ Cold patina 720 gives an orange colour to copper, brass and bronze
- ✓ Cold patina 820 gives a yellow colour to copper, brass and bronze
- ✓ Cold patina black on iron 1140/C gives a black colour on iron
- ✓ Cold patina black on aluminium
- ✓ Cold patina rust gives a rust colour to iron