

ACRYLIC METAL LEAF SIZE (ADHESIVE)

DESCRIPTION

An acrylic adhesive with an extended open time for bonding metal leaf and foils to a variety of surfaces.

Gilding with Polyvine Acrylic Metal Leaf Size

Gilding is an old traditional craft skill with many trade secrets.

This is an introduction to modern practice.

Gold coloured leaf is available in genuine gold and imitation leaf, the genuine leaf will be richer in colour and finish, different coloured metal leaves are also available. Leaf also comes loose or as transfer (attached to tissue paper), making it easier to apply. Wear cotton gloves when handling to avoid tarnishing when working with silver or imitation gold or rub talcum powder on your hands.

Composition Gold Leaf, also referred to as Imitation Gold Leaf, Dutch Gold, Dutch Metal and Schlagmetal, is imitation gold leaf made from brass, a combination of copper and zinc. Composition Leaf will tarnish and requires a protective sealer upon completion of gilded surface.

Imitation Gold Silver must be protected with Polyvine Lacquer.

FOR USE ON

Furniture • plaster moulding • picture frames • decorative features

All metal foils and leaf. Gold, Silver, Dutch Metal.

UNIQUE SELLING POINTS

Very long and open working time • easy to apply • water based • low odour • wash brushes and tools in water.

SURFACE PREPARATION

All surfaces must be clean and free from dust, dirt, oil/resins and contamination.

APPLICATION

Seal porous surfaces with a Polyvine varnish. Apply thinly using a Polyvine brush.

It is important no brush marks are visible these will show through the metal leaf. The size can be diluted with water to avoid brush marks. Leave for at least 15 minutes, the film will clear and remain tacky. The surface will then be in a prime state ready to receive the leaf. This prime state will remain indefinitely. (Protect from dust) It is important to completely cover all the size with the metal leaf, no size should be left uncovered.

Preparation

Caution the gold will repeat the texture of the prepared surface. All defects in the substrate/preparation will reflect on the surface of the leaf.

Basecoat

After preparing the surface apply one or two coats of "bole", (replaced today with eggshell' paint).

The colour underneath the gold leaf is called the "bole" colour. Traditionally, terra-cotta clay or red paint is painted underneath to give a warm feel to the gold. A yellow or golden bole gives an even, neutral look, and helps cover up any cracks or uncovered spots. A black bole gives a very cold look and is good for imitating Art Deco pieces. Other boles you can experiment with are various greens or even blues.

Once your bole is applied and dried, brush on your size.

Apply Size

Apply Polyvine Acrylic Metal Leaf Size over the bole/ acrylic painted base coat in smooth even strokes (as the leaf is wafer thin any marks underneath will be visible when finished).

As the size dries it will become clear with a tacky consistency. To test if the size is ready to accept the leaf lightly press your knuckle to the surface, if it clicks when you pull it away it is ready. Do not test using your fingertip as it will leave a print that will show through the leaf or will remove the size from that area.

Size will remain tacky for some time though if leaving overnight make sure the surface is covered and dust free.

Apply Leaf

You want to make sure you work it into every crack and crevice. smoothing it onto the surface with your fingers and finish up with a clean and dry paintbrush to work it completely onto the surface. As you get overlapping and overhanging pieces, you can remove them by brushing hard with the brush. At this point, it's almost as if you're burnishing the gold with your paintbrush; you want to rub it until there are no more gold flakes coming off. You will notice gaps and cracks in your gold leaf where pieces failed to stick. You can take smaller flakes and apply them to these spots, again using your bristle brush to rub the leaf onto the surface.

CAUTION

Always try the technique on a test piece before embarking on the project.

Working time Prime time - the time metal leaf will still adhere to the wet size. This prime state will remain for up to 24 hours, allowing large projects to be handled with ease. Size will always remain tacky. Do not allow dust to accumulate on the adhesive surface.

COVERAGE

Approx. 10 sq. m to 15 sq. m per litre. 100 sq. ft per US qt to 150 sq. ft per US qt.

Cure Time: Does not cure

Drying Time: A minimum of 24 hours with ventilation

TECHNICAL DATA SHEET



PACKAGING

100ml, 500ml, 1L, 3.52oz, US pint, US Quart, plastic containers.

STORAGE

Protect from extremes of temperature during storage and application.

Store in unopened containers in a cool dry place away from direct sunlight.

Shelf Life: Many years in tightly sealed container.

HEALTH SAFETY AND THE ENVIRONMENT

Non-hazardous. Keep out of reach of children. Contact with eyes - wash immediately with warm water.

If swallowed, seek medical advice immediately and show the container or label.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

CLEAN UP EQUIPMENT

Any equipment used can be cleaned using soap and water before the clear coat dries. Wipe any excess off surfaces with a damp cloth.

DISPOSAL

Look for special facilities locally. Do not empty into drains or watercourses.

The information provided is prepared to the best of our current knowledge and makes no claim to be complete. The User is responsible for establishing that the product and recommendations herein are fit for the designated purpose, wood type and present situation before use. A professional and thereby successful application of the product is beyond our control. Always make a preliminary test. The User is required to read and understand all information contained on package labels and safety data sheets before using this product.

MANUFACTURED IN THE UK BY

TEL 01934 740305 **EMAIL** info@polyvine.co.uk

For technical and recycling info visit our website polyvine.com

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