



# GOLD LEAF GLUE

## General Description:

Water – based glue

## Major Uses:

To be used for the application of imitation gold and silver leaves on wood mouldings, furniture, interior surfaces and other related substrate.

## Characteristics and Physical Properties:

Appearance	Opaque
Specific weight	1.0 kg/L
Viscosity ( FC#4 @20°C)	14"
Flash point	n/a
Dilution	Distilled water

## Surface Preparation:

Surface preparation is critical for the integrity of the gilding process. All surfaces must be clean, dry and free from contaminants such as oil, waxes, dust and fingerprints.

Painted surfaces should be cleaned with mineral spirits. Clean by using continuous wipes in a single direction. Reversing the direction will cause some of the removed contaminants to be redeposited on the cleaned surface.

Change cloths frequently and be sure to spread out the cloths in an open area after using to allow the solvent to evaporate and to prevent spontaneous combustion. Non-

porous surfaces and finishes should be thoroughly dry, hardened and lightly sanded to allow the size to adhere to the substrate, particularly when a gloss oil finishes and enamels are present. When there is a previously applied coating or finish, the applicator should test a small area for compatibility before proceeding.

## Application:

Application of GoldLeaf Glue can be by brush, or spray. Avoid any puddling in crevices. Do not add water-based colorants unless the blend has been tested to produce the desired effect without compromising the size attributes. It is important that all porous surfaces such as raw wood, plaster or stone etc. be sealed, again, Even though the size may appear to be uniform throughout, it should be

stirred and mixed thoroughly. Mix slowly to prevent the entrapment of air and thereby creating bubbles when applied. Ideal conditions for application are that the size should be applied at 15 to 25 degrees Celsius and 40 to 60 % relative humidity.

Differing conditions can compromise film integrity as well as affecting tack and dry times.

The size should be applied at packaged consistency. If thinning is required due to differing surface tensions causing streaking or uneven lay-down, use water or alcohol sparingly as noted.

If BRUSHING, use a high grade brush suitable for water products or a foam brush. Keep brushes continually wet with glue. Due to the quick tack arrival, rolling is not recommended.

SPRAYING is a function of the gilder's equipment and technique. Insure that a sufficient lay-down is accomplished. Spray by fast movement and apply thin coats to prevent run on any vertical surfaces or to prevent puddling in crevices.

If multiple coats are required, wait 1 to 2 hours between spray applied coats and 10 to 12 hours between brush applied coats.

## Storage:

Shelf life of 12 months in close container. Always keep to room temperature and keep away from direct sunlight.

## Packing:

Available in 1 lit, 4 liters, and 20 lit.

## Physiological Hazards:

GOLD LEAF GLUE is water-based glue and therefore it does not contain solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. The mixture, in its liquid state is flammable and harmful if swallowed. If contact with eyes occurs, cleanse with fresh water and seek immediate medical advice.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

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