

# Permacoll Mirror Gloss Paper Size



A synthetic size for gold & silver leaf on paper, cardboard, vellum, smooth leather and some plastics.

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**Permacoll Mirror Gloss Paper Size** is the first gilding size to provide a mirror like finish without burnishing with an agate burnisher. Genuine gold and silver leaf, will achieve the highest degree of luster. This new size is equally effective when gilding with patent gold, roll gold and loose leaf products and will produce a high gloss and a crisp edge.

**Permacoll Mirror Gloss Paper Size** is the ideal size for gilding illuminated manuscripts. The elastic nature of this size assures a long lasting gilded surface. The turning of illuminated pages will not cause the leaf to delaminate.

The highest quality, heavy weight papers should be used as the base surface. Smooth surface papers are preferred to achieve a glass like finish. The textured surface of some papers will be visible in the gilding. If a smooth gilding is desired on textured paper, seal with a nitrocellulose or other solvent based lacquer, apply four coats of **Kolner Burnishing Clay** and smooth the surface with horsehair cloth before applying **Permacoll Mirror Gloss Paper Size**. (See Kolner instructions for more information.)

**Permacoll Mirror Gloss Paper Size** can normally be applied directly to a smooth, dry, minimally absorbent substrate with a fine brush or drawing pen. The surface must be dust and grease free. All porous surfaces should be tested for compatibility. For example, coated papers may require sealing with a lacquer to prevent buckling. Plastics should be tested for adequate adhesion.

**Permacoll Mirror Gloss Paper Size** will provide the best results when the size forms a slightly elevated bead on the surface. The size must be thoroughly dry before applying the leaf and it will remain open for gilding for several hours. Due to the long open time, overnight drying is possible. The clear size is appropriate for most applications. The yellow tinted size will aid in the hiding of any possible "gilding faults".

The size will come to tack in about 1 hour. At this point the gilded surface may have a matt appearance.

As the size dries further, about 2 hours, it will produce a mirror gloss finish. Experimentation is the only method to determine the correct drying time before laying leaf.

Variation in temperature and humidity have a great effect on when the size reaches tack and how long it will remain open for gilding. The optimum results is obtained when the size is as dry as possible prior to applying the leaf. This point is usually 2 to 5 hours after the size has been applied.

Apply patent and roll leaf by simply laying the leaf on the surface and rubbing the paper backing with a ball of cotton. Holidays can be filled with the same procedure. After the surface is completely covered with leaf, press the surface with a cotton ball to ensure uniform adhesion and then "burnish" with a fresh ball of cotton. Loose leaf should be laid in a similar manner, using the tissue paper from the books of gold to protect the leaf, when rubbing with cotton.

Silver leaf and other products which may tarnish should be covered with an appropriate sealer. The recommended sealer is **Kolner Sealer 123-A**, thinned 1:1 with water. There will be a slight reduction in gloss after the application of a sealer.

Sepp Leaf Products, Inc. recommends the testing of all materials and procedures before attempting to perform the work on the final object.

**Storage/Shelf Life:** Store in closed containers in a cool but frost free environment. To ensure maximum shelf life, do not return unused solutions to the original container. If stored properly, shelf life is one year from date of purchase.

Use at room temperature.  
Clean brushes with soap and water.  
Avoid thinning but dilution up to 5% is possible.  
Available in 50ml and 100ml, in clear and yellow.

This instruction sheet has been put together according to the latest technical and research information from Kolner, with support from Sepp Leaf Products, Inc. The rules of the craft of water-gilding have to be strictly observed when working with our products.