

# Gilding Adhesives



December 2006

## Oil Based Adhesives

LeFranc 3 Hour & 12 Hour Size  
Rolco Quick-Dry & Slow-Set Size  
Rolco Artisan Clear Oil Size

## Water Based Adhesives

Rolco Aqua Size  
Wunda Size

**Sepp Leaf Products is proud to announce the introduction of new gilding sizes from Rolco and LeFranc.**

Rolco and LeFranc both worked in their labs to develop a new size with the same great properties of the old *lead LeFranc*, but which meets today's criteria for safe usage. Both manufacturers have produced new oil sizes after thorough testing.

**Rolco Artisan Clear Oil Size** is now available. It has the qualities professional gilders value most: predictable working time and long lasting durability. It produces a brilliant gilded surface and is specifically formulated to reach tack overnight and to stay open for gilding for an extended period.

**New LeFranc 12 Hour No-Lead Size** (code # 12H) carries the reputation of the traditional material that has been used successfully by gilders for many decades. This is a revised formula from the *no-lead size* introduced in 2005. New LeFranc 12 Hour No-Lead Size joins the unchanged 3 Hour Size used widely by gilders, and will be available early 2007.

### Artisan Clear Oil Size

was developed for exterior and interior projects where an extended open time is required to manage the project. This size is highly recommended for exterior domes, statuary, signs and other projects where genuine gold leaf is left exposed to the elements without a topcoat.



It reaches tack in about 12 hours, and stays open for gilding 12 hours or longer. If an indoor project gilded with Artisan Size requires a top coat, the sealer should be applied after waiting one week to allow the size to harden. Exterior projects should be top coated only to protect from abrasion and harm.

**Slow-Set Gilding Size** (oil-based) provides a long open time for gilding interior and exterior projects. It will reach a gilding tack in 10 to 12 hours and will remain open for gilding for about 12 hours. The label suggests a small amount of castor oil may be added to increase the open time for gilding. A project gilded with Slow-Set Size may be sealed with a clear coat 24 hours after gilding.

**Quick Dry Gilding Size** (oil-based) is often selected for small gilding projects or when working time is limited. Quick Dry will reach tack in about an hour and a half and will remain open for about the same period. The gilded surface may be sealed after twenty-four hours. *Slow-Set and Quick Dry Gilding Size may be mixed 50/50 to make a four hour size.*

**Aquasize Gilding Size** is a clear, water-based adhesive formulated for all interior gilding projects. It will dry to a gilding tack in 15 to 20 minutes and will remain open for gilding for 36 hours. Aquasize is emission-safe with no fire hazard and has minimum toxicity. Aquasize may be used where a two-part conversion protective coating is applied in order to prevent the "lifting" which may occur when an oil or solvent-based size is employed. Twenty-four hours after the size is applied the gilded surface may be sealed.

**Rolco Burnish Sealers** contain premium resins exhibiting excellent adhesion and moisture resistance and are recommended primers for use under any gilding size. The yellow ocher, venetian red and light gray iron oxide pigments are known for their long lasting performance. Burnish Sealer may be used for interior and exterior projects. One or two coats may be required to seal a porous surface, producing an excellent base for gilding. Burnish Sealer dries to the touch in two hours. For best results, allow to harden overnight before applying a second coat, or before polishing with 600 grit paper to remove any surface imperfections.

**LeFranc 12 Hour No-Lead Size**, the newly formulated CHARBONNEL MIXTION A DORER 12H SANS PLOMB replaces the traditional 12 Hour gilding size used widely by gilders. Preliminary reports indicate 12 Hour no-lead will reach a gilding tack overnight and has a long open time for gilding. Please note the formula for this new product is different from the no-lead material introduced earlier, our product codes 12N/L & 12N/500, and we strongly suggest gilders experiment with this as they would any new product to determine results.



**LeFranc 3 Hour Size** is suitable for both interior and exterior work. It reaches tack in 3 hours and will remain open for gilding for 3 hours or longer. Allow the gilded surface to cure for a week if it is to be covered with a sealer.

**1 Shot Fast Dry Gold Size** is the product for that rush job. It is easy to apply, reaches tack quickly and produces excellent results. It remains elastic up to 8 hours after application, providing a long time for pattern burnishing.



**Working with new products and procedures requires thorough testing to determine compatibility and final results.**

## WUNDA SIZE

**WUNDA SIZE Synthetic Water-Based Gold Size**, reaches a gilding tack in 15 to 20 minutes and remains open for gilding for over 36 hours. It is often selected when a very long open time is required, since WUNDA SIZE will remain *tacky* almost indefinitely. Any surface gilded with WUNDA SIZE should be covered with a sealer after 24 hours, if contact with the surface is expected. Interior only.

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## Kölner Instacoll Gilding System

**Instacoll** is a revolutionary system for exterior and interior leafing with genuine gold and silver leaf. A *Super Shine* or mirror gloss finish is achieved without agate burnishing. It is a water-based two-part system with an unlimited open gilding time. After **Instacoll** has dried completely, apply the **Activator** to the area ready for gilding. Let dry and apply the leaf. The ultimate mirror gloss is obtained when gilding on a completely smooth surface with genuine patent leaf.

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**User Notes:** Drying time to reach a proper gilding tack and open time for gilding vary based on temperature and humidity. Ideal conditions for application of all products are 65 to 75 degrees fahrenheit and 40% to 60% relative humidity. Working under different conditions will affect the performance of all products.

All sizes and other coatings should be stirred to combine all components in order to assure consistent results. Never shake materials and do not mix too vigorously as this may cause bubbles to form, affecting the finished surface.

Use all materials at package consistency and only thin as recommended by the manufacturer.

All materials may be applied with brush, roller or sprayer. An airless or HVLP spray equipment is recommended. Manufacturers' coverage guidelines should be followed carefully.

The copper in imitation gold leaf and 100% copper leaf and the silver in low karat gold leaf and 100% silver leaf are highly reactive and tarnish when left exposed. They can also react to components contained in sealers, therefore discoloration can happen even after a sealer has dried, sometimes years later.

Since the conditions and use of all products sold are beyond the control of the manufacturers and Sepp Leaf Products, the user assumes all risks associated with the use and performance of products purchased. Experimentation on a test object using all steps involved is recommended before working on the project.

A gilder's experience and a working knowledge of materials and procedures are the best guide when approaching a project.