

# Gilding Adhesives



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## Oil Based Adhesives

LeFranc 3 Hour & 12 Hour Size  
Dux Quick-Dry & Slow-Set Size  
One Shot – Fast Dry Gold Size

## Water Based Adhesives

Dux Water Based Size  
Wunda Size  
Kölner Instacoll, Rapid, Miniatum &  
Miniatum Ink

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**LeFranc 12 Hour No-Lead Size** provides a long open time for gilding interior and exterior projects. It will reach tack in 12-18 hours and will remain open for gilding up to 12 hours. Allow the surface to cure for 30 days before top coating, if desired. May be thinned up to 10% with turpentine. Do not mix with LeFranc 3 Hour Size.

**LeFranc 3 Hour Size** is suitable for gilding interior and exterior projects. It will reach tack in 1.5- 3 hours and will remain open for gilding up to 2-3 hours. Allow the surface to cure for 7 days before top coating, if desired. May be thinned up to 10% with turpentine. Do not mix with LeFranc 12 Hour Size.



**1 SHOT FAST DRY GOLD SIZE** is an exceptional self-leveling and fast setting size. It is suitable for gilding interior and exterior projects. It will reach tack in 1 hour and will remain open for about the same period. It remains elastic up to 8 hours after application, providing a long time for pattern burnishing.

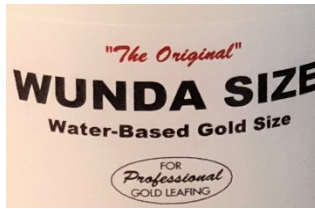
Allow the gilded surface to cure for 2 days before top coating, if desired. May be thinned up to 10% with mineral spirits or turpentine.

## DUXPaint

**Dux Slow-Set Oil Size** provides a long open time for gilding interior and exterior projects. It will reach tack in 10-12 hours and will remain open for gilding up to 8-12 hours. To prolong tack time, add 1 oz. of Castor Oil per quart. Allow the gilded surface to cure for 3 days before top coating, if desired. May be thinned up to 10% with mineral spirits or turpentine. Dux Slow-set and Quick Dry sizes can be combined to achieve intermediate tack times and open gilding times.

**Dux Quick Dry Oil Size** is ideal for small interior gilding projects. It will reach tack in 1 hour and will remain open for about the same amount of time. Allow the surface to cure for 2 days before top coating, if desired. May be thinned up to 10% with mineral spirits or turpentine. Dux Slow-set and Quick Dry sizes can be combined to achieve intermediate tack times and open gilding times.

**Dux Water Based Size** is a clear, water-based size for all interior gilding projects. It will reach tack in 15-20 minutes and remains open indefinitely. Allow the surface to cure for 2-3 days before top coating, if desired. Dux Water Based Size is emission-safe with no fire hazard and has minimum toxicity.



**WUNDA SIZE Synthetic Water-Based** is a clear, water-based size for all interior gilding projects. It will reach tack in 15-20 minutes and will remain open indefinitely. Allow the surface to cure for 2-3 days before top coating, if desired. Wunda Size is emission-safe with no fire hazard and has minimum toxicity.



**Köln Instacoll Gilding System** is a process designed for exterior and interior gilding with genuine patent gold leaf. A mirror gloss finish is achieved without agate burnishing. It is a water-based two-part system with an unlimited open gilding time. After Instacoll Base has dried completely (1-3 hours), apply the Activator, let dry 15 minutes. Size will remain open for about 60 minutes. Reapply Activator for continuous gilding. Also available is **Instacoll HA** which provides slightly stronger adhesion for heavier gold leaf with a weight of 20gm+. HA is available in gray, appropriate for silver and palladium. For decorative designs with matte and burnished effects like those found on a water-gilded picture frame, Köln has developed **Instacoll Matte** which works the same way as the Instacoll Base. Allow the gilded surface to cure for 2 days before top coating, if desired.

**Köln Rapid** is water-based gilding adhesive especially designed for gilding interior and exterior stone and produces a brilliant gold appearance. It is easy and safe to use, and ideal for on-site work on headstones, memorials, monuments and buildings. It will come to tack in 15-30 minutes and remain open for 8 hours.

**Köln Miniaturum** size is designed for mirror-gloss gilding without the necessity of agate burnisher polishing on flexible surfaces such as: paper, vellum, parchment, fabric and leather. Illuminated pages can be turned without causing the leaf to delaminate. The size will come to tack in 3-5 hours and remain open up to 20 hours. Allow the gilded surface to cure for 2 days before top coating, if desired.

**Köln Miniaturum Ink** size is designed for gilding fine lines using a variety of drawing instrument on paper. It was formulated as a supplement to Köln Miniaturum giving the calligrapher the ability to produce lines of different widths.

It will come to tack in less than 30 minutes and remain open for about 3 hours. Allow the gilded surface to cure for 2 days before top coating, if desired.

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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.

Imitation gold leaf, copper, aluminum, 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 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.

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