



TECHNICAL DATA SHEET

KEIM MATTE FLAT SEALER

1. PRODUCT DESCRIPTION

Clear Matte Flat Sealer is a 100% acrylic clear finish that is non-yellowing and provides a protective topcoat with excellent clarity and extremely low sheen. It is water based and resists water, abrasion, household grime, stains and is easy to apply by brush or roller. Provides extra durability to sensitive surfaces and decorative paints in areas that will receive added traffic or moisture such as bathrooms, kitchens, hallways, etc.

2. FIELD OF APPLICATION

Interior painted masonry, brick, drywall and plaster or stucco as well as interior wood. Do not use over oil base paints.

Recommended Uses:

- Interior painted surfaces
- Decorative paints and plasters
- To protect wood surfaces with a dead-flat finish

3. PRODUCT PROPERTIES

- Single component, acrylic waterborne formula
- Clear, water-white clarity
- Excellent flow and leveling
- Ready to use
- Soap & water clean up
- Complies with VOC (Volatile Organic Compounds) regulations in all North American jurisdictions

Technical data

Specific weight	approx. 1.04 g/cm ³
Weight per gallon	8.65 lbs.
Consistency/Appearance	White Liquid

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pH value	8.7-9.3
Flashpoint	None
Gloss (60 degrees)	0.8-1.2 dead flat
VOC	< 50 g/liter

Color: Clear (white liquid dries clear)

Environmental Compliance

EPA	YES
LEED	YES
CARB	YES
SCAQMD	YES

4. SURFACE PREPARATION

Surface must be clean, sound, dry and free from dust and grease. Loose areas, dirt and oily substances must be removed. Fresh paint, plaster or decorative finishes must be cured properly. To seal limewash paints, the newly painted surface should be dried for a minimum of 7 days to allow the lime binder to fully cure.

5. APPLICATION

Stir well before using. Clear Matte Flat Sealer is formulated for best flow and leveling. Do not thin. Apply in a smooth thin layer to avoid drips, runs, and puddling in recessed areas of textured surfaces. It is highly recommended to apply multiple thin layers rather than a single "heavy" layer.

Apply by brush, roller, or spray.

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Brush: Use a premium synthetic bristle brush to apply in a thin, even layer. Brush in one direction and do not overbrush as this can cause foaming and whitening of the clear finish. Maintain a wet edge.

Roller: use a foam roller for smooth surface applications. For textures, use a 3/8—1/2 inch nap woven roller cover. Apply a thin, even layer. Do not allow Clear Matte Flat Sealer to puddle or pool in textured areas as this may cause a hazy appearance.

Spray: HVLP Spray allows for the most consistent and uniform application across larger surfaces. Wear eye protection and a particulate respirator while spraying. Do not allow others on the job site exposure to spray mist. Thin finish up to 50% with water and use a 1.4—1.8 mm spray tip with 40 psi.

Application conditions

Let dry 12—24 hours between coats. Allow up to 90 days for full cure.

NOTE: A mock-up should be installed in an inconspicuous area to determine final results. Matte Flat Sealer will impact the final appearance of deep and dark colors more than light color tones.

Drying times

Apply at room and surface temperatures between 60° F & 90° F. Full hardness is developed in 2-4 weeks. Air movement and exchange will assist in proper drying. Cold weather & high humidity will slow down cure time.

Touch: 4--6 hours
Between coats: 10--24 hours

Cleaning

Clean spills, spatters, hands, and tools immediately after use with soap and warm water.

Coverage*

Highly dependent on application technique, number of layers and texture and porosity of surface.

Approx. 250-350 sq. ft./gal.

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6. PACKAGING

Quart and Gallon

7. STORAGE

Approx. 12 months in tightly closed container under cool, frost-free conditions. Protect from heat and direct sunlight.

8. DISPOSAL

Dispose of completely emptied containers in accordance with local, state, and federal waste regulations. Dispose of as latex paint.

HAZARDOUS SUBSTANCE CLASS

Not RCRA Hazardous for disposal. Dispose of as latex paint. Not Dangerous Goods for shipping via any mode.

9. LIMITATIONS

Do not apply to oil base paint or varnish, lacquer, or other high gloss finishes. This is a wall finish, do not use on floors or other high traffic areas.

10. SAFETY INSTRUCTIONS

Use in accordance with safe handling practices. Avoid eye and skin contact. Wash hands after use. When spraying or sanding use a NIOSH approved respirator. Provide adequate ventilation.

KEEP OUT OF REACH OF CHILDREN.

First Aid: EYE CONTACT: Flush with water for 15 minutes. SEE DOCTOR if any symptoms persist. SKIN CONTACT: Wash with soap and water. SEE DOCTOR if skin irritation occurs. INHALATION: Remove subject to fresh air. SEE DOCTOR if symptoms persist. INGESTION: Seek medical attention.
Keep out of reach of children.
Do not take internally.

TECHNICAL DATA SHEET – KEIM FIXATIVE + CONSOLIDANT

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.

The information and recommendations set forth in this Technical Data Sheet are based upon tests conducted by or on behalf of KEIM Mineral Coatings. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult <http://www.keim-usa.com/Technical-Data-Sheets> for the latest in product technical information.