

# ALTEX FLOORING RESIN

## PRODUCT DESCRIPTION:

A solvent-free, epoxy resin specifically formulated for use as a primer on porous concrete. Can be used as for coving and patching when used in conjunction with select Altex Ancillary products – Contact Technical Services for further information.

## FEATURES:

- Low viscosity which aids penetration
- High solids
- No VOC
- Solvent-free
- Can be squeegee applied – Refer Technical Services for more information

## PRODUCT CHARACTERISTICS:

<b>Volume Solids</b>	100%
<b>Colour Availability</b>	Clear
<b>Mix Ratio</b>	2:1 by weight
<b>VOC</b>	0 grams per litre
<b>Coating Type</b>	Epoxy resin
<b>Packaging</b>	30 kg, and 300 kg kits
<b>Density</b>	1.1 kg per litre
<b>Shelf Life</b>	Part A: 48 months at 24°C Part B: 24 months at 24°C

Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers. For products/components exceeding the stated shelf life, contact Technical Services for further advice.

## RECOMMENDED THICKNESS:

100-200 microns dry

## THEORETICAL COVERAGE:

6.6 sq metres per litre at 150 microns DFT  
Allow for loss in mixing and application

## CURING SCHEDULE:

**Surface Temp. & 50% R.H.**    **To Recoat**    **To Foot Traffic**    **Full Cure**

10°C	6 days	72 hours	12 days
15°C	24 hours	72 hours	12 days
20°C	12-18 hours	48 hours	7 days
25°C	12-18 hours	48 hours	7 days

Curing schedule based on 100 – 200 microns DFT

Higher film thickness, insufficient ventilation or cooler temperatures will require longer cure times and could result in solvent entrapment and premature failure. Excessive humidity or condensation on the surface during curing may result in a surface haze. Any haze or blush must be removed by water washing before recoating.

## APPLICATION CONDITIONS:

Condition	Material	Surface	Ambient	Humidity
Minimum	15°C	15°C	15°C	0%
Maximum	35°C	35°C	35°C	85%

The temperature of the substrate should exceed the “dew point” by 3°C during application and hardening. Ensure you do not apply this system to substrates with temperatures exceeding 35°C.

Wind or strong airflow may cause quick curing and drying of the system. Ensure wind or strong airflow is eliminated during application, however adequate safety ventilation should still be followed.

## SUBSTRATES & SURFACE PREPARATION:

**GENERAL:** All surfaces must be sound and free of oil, grease, dirt, loose and flaking paint, moisture, and other foreign substances prior to application.

Clean and/or degrease with a suitable non-ionic detergent (such as Altex P40 Cleaner).

**CONCRETE:** Concrete should be fully cured for 28 days at 21°C and 50% RH or equivalent.

Surfaces must be clean and dry. Track blast to remove all laitance and abrade substrate ensuring to achieve a finish similar in texture to 80 grit paper.

Ensure all surfaces are free of all contaminants and form release agents.

## LIMITATIONS:

Exterior exposure will cause early loss of sheen, possible discolouration, and chalking. However, this will not affect the protective properties of the coating.

Methyl Methacrylates (MMA) topcoats are not recommended

## MIXING & THINNING:

**MIXING:** Stir the two components to obtain a smooth, homogeneous condition using a power stirrer. After mixing the base portion, add the converter slowly with continued agitation taking care not to entrain air.

Refer to Technical Services for further information for coving and patching requirements.

**THINNING:** Thinning is not recommended

**RATIO:** 2:1 by weight

30kg kit: 20kg Part A with 10kg Part B  
300kg kit: 200kg Part A with 100kg Part B

**POT LIFE:** 120g of mixed product: 40-55 minutes at 20°C  
At higher temperatures (or if left in bucket) the pot lifetime is reduced.

## APPLICATION EQUIPMENT GUIDELINES:

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

**SPRAY:** Not recommended.

**BRUSH & ROLLER:** Roller application is preferred for large areas; care must be taken to ensure the correct film build is applied. Use a medium or long-nap synthetic roller cover with phenolic core.  
Brush application for small areas, touch ups and edges only.

**SQUEEGEE:** Consult Technical Services

**TOPCOAT:**

Topcoat with approved flooring topcoat – Refer Technical Services.

Methyl Methacrylates (MMA) topcoats are not recommended

**CLEAN UP & SAFETY:**

**CLEANUP:** Use Altex Thinning Solvent #10 or #76

**SAFETY:** For industrial use only: Read and follow all the caution statements on this Product Data Sheet, the product label, and the Safety Data Sheet (SDS) for health and safety information prior to use.

**VENTILATION:** When used in enclosed areas and product is thinned, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapour concentration from reaching the lower explosion limit for the solvents used. User should test and monitor exposure levels to ensure all personnel are below guidelines. If not sure or if not able to monitor levels, use suitable approved respirator.

**PACKAGING, HANDLING, & STORAGE:**

**Shipping weight:** 1.1 kg per litre

30kg kit – 33 kg

300kg kit – 330 kg

**STORAGE TEMPERATURE & HUMIDITY:**

15-35°C. 0-85%

**STORAGE:** Store under cool, dry conditions and should be protected from frost, weather, moisture, direct sunlight, and contamination ingress.

**DISCLAIMER:**

The information in this datasheet is provided as a guide only and is provided without warranty, implied or otherwise. It is your responsibility to determine the suitability of any Information or product for the use contemplated. Conditions of use, application and the substrate are beyond our control so no liability whatsoever (whether as to coverage, performance, injury or otherwise) is accepted for the information contained herein. Data sheets may change from time to time, and it is your responsibility to ensure you have the latest product datasheet and material safety data sheet from your supplier. Check the data sheet date with the listings at [www.altexcoatings.com](http://www.altexcoatings.com) Altex Terms and Conditions of Trade, available at [www.altexcoatings.com](http://www.altexcoatings.com), apply in respect of all coating products and materials supplied, including samples.

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