

Epiprime

High Performance Epoxy Primer

Description

An epoxy based primer/sealer designed to provide exceptional adhesion for a wide range of resinous flooring systems. Epiprime is solvent free and provides a long duration of tackiness to enhance the strength of the adhesive bond. Epiprime may also be used as a levelling 'scratch-coat' when mixed with kiln dried sand.

Advantages

- Provides an excellent adhesive bond
- Low odour
- Easy to apply by brush or roller
- Tack duration 2 to 4 hours
- Low viscosity with a degree of flexibility
- Suitable for difficult to wet out substrates

Applications

- Priming of concrete or steel substrates prior to application of coating/monolithic flooring system
- Priming of an area prior to repair

Technical Information

Usable life	30-40 minutes
Tack duration	2 to 4 hours
S.G.	1.08
Viscosity	235 centipoise
Coverage for Epiprime	6-8 m ² per kg
Coverage for scratch-coat	8 m ² @ 2 mm per 30 kg
Adhesion strength	>5.0 MPa

Tested under laboratory conditions, at 23°C.

Mixing

Mix only full units of Epiprime. The entire contents of the hardener should be added to the base container and slowly mixed for 1-2 minutes using a variable speed high torque drill and helical stirrer until it is homogenous. Apply by brush or roller at 6-8 m² per kg depending on surface profile & porosity.

For use as a scratch-coat on irregular surfaces, add between 15kg to 25kg of 0.25-0.5mm kiln dried sand to 5kg of mixed Epiprime and further mix till cohesive and homogenous.

Application

The prepared surface should be primed using a brush or roller, spreading thinly to avoid pooling. The Epiprime should be ready to accept material approximately 30-40 minutes after mixing for tack-priming, or left overnight for sealer-priming. When applying to a particularly porous surfaces it may be necessary to apply a second coat of primer to maximise bond strength.

If a delay of more than 24 hours is expected to lapse between the priming and the application of subsequent treatments, apply a scatter of 0.3mm nominal kiln dried sand to the wet resin.

Material mixed as a scratch-coat can be decanted and spread with a serrated float or squeegee to the required depth.

Cleaning

Keep all mixing equipment and tools continuously cleaned using Nuwash and avoid product build up.

Packaging

Epiprime is available in 2.5kg units.

Actual coverage & consumption is dependent on surface profile & porosity.



Storage

The shelf life is 12 months when stored unopened in dry, normal conditions and away from direct sunlight. Protect from frost.

Limitations

Minimum application temperature 5°C. Please consult our technical department when applying at this temperature and below. It is recommended that concrete substrates should have a moisture content of less than 75% RH, in which case Epicon DSP primer should be employed.

Excessive exotherm will be generated if the mixed material is not applied within the usable life.

Health & Safety

Product Safety Data Sheets (SDS) are available from Nufins. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.

Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied themselves independently as to the suitability of our products for their own particular purpose. In no event shall Nufins be liable for consequential or incidental damages.

Users must always refer to the most recent issue of the Technical Datasheets, copies of which will be supplied on request.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical contacts are available to provide further information and arrange demonstrations.