

Epicon DSP

High Performance Surface Primer

Description

Epicon DSP is a solvent free adhesion promoter for use in difficult conditions where a more conventional primer may not give adequate performance, providing a moisture barrier tack coat to green or damp concrete and as an excellent anti-corrosion protection primer for steel.

Advantages

- Provides a barrier between damp or wet surfaces and moisture sensitive finishing coats such as epoxy and polyurethane floor finishes
- Offers a high degree of anti-corrosion protection
- Relatively low viscosity with good working properties
- Outstanding adhesion to damp concrete or sand blasted steel
- Slight flexibility

Applications

- All cementitious substrates including damp/green concrete, allowing the early application of subsequent coatings; including methacrylate waterproof coatings
- Primer for steel
- Kiln dried aggregate may be blended with Epicon DSP to produce a levelling screed
- Chemical resistant primer
- Suitable for damp or difficult to wet out substrates

Technical Information

Type	Solvent free epoxy
S.G.	1.08
Viscosity	800-1200 cps
Gel Time	130 minutes @ 20°C
Coverage	2-3M ² /kg
Flash Point	76°C
Storage Temperature	Between 2-40°C
Dry Film Thickness	300 micron @ 3M ² /kg



Surface Preparation

Concrete surfaces should be clean, free from oil, grease and chemical contamination.

Steel surfaces should be degreased and blasted to SA2½ to remove rust, scale and oxide layers. Application of the primer to steel should take place immediately after blasting or within 4 hours.

Mixing

Add the contents of the hardener tin to the base and mix thoroughly for approx. 1-3 minutes until homogenous.

Application Instructions

Apply Epicon DSP to the substrate with a stiff bristled brush ensuring that the primer is well worked into the surface. Coverage is 2-3M² per kg depending on surface profile. Once the primer has achieved a tacky state (between 8 and 24 hours), the subsequent coating/screed should be applied. Normal application temperature is between 5 and 15°C, higher temperatures will reduce the overcoating for subsequent products. If the Epicon DSP fully cures, a further coat should be applied, always allow the primer to become tacky before over-coating.

On rough substrates kiln dried aggregate may be blended into the Epicon DSP to produce a resin screed which can be applied to the primed surface wet on wet. Please refer to our technical department for further advice.

Packaging

Epicon DSP is supplied in 5kg and 25kg units.

Storage

The shelf life is 12 months when stored unopened in dry, normal conditions and away from direct sunlight. Protect from frost. If stored below 10°C the containers should be warmed prior to use as this will greatly aid the mixing procedure.

Health and 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.