Epicon Tack Coat

High Performance Adhesion Promoter

Description

Epicon Tack Coat is a solvent-free adhesion promoter for use in difficult conditions, providing a moisture barrier tack coat between concrete and epoxy repair materials. Epicon Tack Coat may also be used as an excellent anti-corrosion protection primer for steel.

Available in two grades; 'H' for horizontal applications and 'V' for vertical and inverted applications.

Advantages

- Provides a moisture barrier between old and new concrete/repair materials.
- 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.
- Steel anti-corrosion protection primer.
- Chemical resistant adhesive.

Technical information

Type	Solvent free epoxy
S.G.	1.05
Coverage	2-3 M²/kg
Flash Point	>100°C
Storage Temperature	Between 2-40°C
Dry film thickness	300 micron @ 3M²/kg
Flexural Strength	>40 MPa
Tensile Strength	20 MPa
Bond Strength to Steel	20 MPa (depending on surface condition)
Bond Strength to Concrete	Substrate failure

Surface Preparation

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

Steel surfaces should be degreased and blasted to SA2.5 to remove rust, scale and oxide layers. Application of the primer to steel should be made immediately after blasting or within 4 hours.

Mixing

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

Application Instructions

Apply Epicon Tack Coat to the substrate with a stiff bristled brush ensuring that the primer is well worked into the surface. Coverage is 2-3 m^2 per kilo depending on surface profile.

Allow the primer to become tacky, between 15 minutes to 3 hours, depending on temperature. Once the primer has achieved a tacky state, the subsequent material should then be placed. Normal application temperature is between 5 and 35°C, however high temperatures will reduce the time in which the concrete can be applied. Should the primer dry on the surface, a further primer coating should be applied, always allow the primer to become tacky before over coating.

Packaging

Epicon Tack Coat is supplied in 0.25 kg, 0.5 kg and 25 kg units.

Storage

Epicon Tack Coat when stored in unopened containers at normal room temperature will have a shelf life of 12 months. If stored below 10°C the containers should be warmed prior to use as this will greatly aid the mixing procedure.

Epicon Tack Coat should be stored away from foodstuffs and out of the reach of children.

Limitations

Do not use in temperatures of 5°C or below. Please contact Nufins technical department.

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.

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.