



TEX 333

Epoxy based Concrete and Mortar Bonding Agent

Product Description

FARTEX 333 is 100% solids, moisture insensitive, two component modified epoxy adhesive. It was specially formulated to provide excellent adhesion of fresh concrete to steel, cured concrete or difficult to dry, moist concrete surfaces.

Uses

- As a bonding agent for placing fresh, plastic concrete to existing hardened concrete and steel.
- may be used to bond epoxy mortars, fresh cementitious mortar to a wide variety of surfaces including mineral substrates (concrete, brick, stone, mortar, fibrous cement),
- Wood, iron and steel and cured epoxy mortars.

Advantages

- Easy application by brush or roller
- Excellent adhesion to most building materials even when damp
- Solvent-free - can be used in enclosed locations
- Highly resistance against sea water, crude oil, some chemicals after curing

Standard Compliance

It complies with:

ASTM C881: TYPE I, II, IV, V GRADE2, CLASS E, F, O

Technical Data

Appearance	Two part, viscous liquid		
Specific Gravity A+B	1.25±0.02		
Bond strength	ASTM C882	After 14days	>130kg/cm ²
Compressive strength	ASTM D695	After 14days	>650kg/cm ²
Tensile Strength	ASTM D638	After 14days	>350kg/cm ²
Pull off ²	ASTM D570	After 14days	>35kg/cm
Water absorption	ASTM D570	After 14days	<0.05%

Instruction for Use

Surface Preparation

Surface must be clean and sound. It may be dry or damp, but free of standing water. Remove surface contaminants i.e. dust, grease, curing compounds, impregnations, waxes, foreign particles and disintegrated materials.

Concrete: Sandblast or use other approved mechanical means.

Steel: Sandblast to white metal finish.

Mixing

FARTEX 333 is supplied in 2 separated pre-weight packages, pour part B into part A and mix slowly with low-speed drill and Jiffy type mixer (200-300) rpm until a homogenous mixture with the same color is achieved.

Only mix as much as can be applied within 30 minutes.



TEX 333

Application

- FARTEX 333 is applied by brush or roller, Apply the entire surface and filling holes or cavities. The fresh concrete can be placed against the bonder after it has reached its tack stage. If the epoxy achieves a cure before the concrete placement then re-application of the epoxy bonder will be necessary.
- High temperatures will cause shorter pot life and open time, keep the containers at 18-25 ° c, 24 hours prior to application.
- Low temperatures will increase the viscosity which results in difficult to apply and higher consumption.

Coverage

Uncured material may be cleaned from application tools, etc. by using thinner. Cured material can only be removed mechanically.

Packaging

FARTEX 333 is supplied in:

A: 2 kg, B: 1 kg

Storage and Shelf life

6 month when stored in the unopened container in a dry location at 5 to 35 ° c.

Technical Service

The SHIMISAKHTEMAN Technical Service Department is available to assist you in the correct use of our products in the field.



242 Bldg., Mirdamad Blvd., After Naft St., Tehran. Iran

Tel: +98 21 (22263100 , 22263099 , 22259736) Fax:+98 21 22260586

Shimi Sakhteman



+98 21 27427