



32 N Union Techmodur

Two component epoxy adhesive

Description:

The UNION TECHMODUR 32N adhesive is a two Epoxy resins based components without solvent joining construction materials.

Fields of Application

- bridge between fresh and hardened concrete.
- Bonding hardened concrete together.
- Bonding of steels and these together with concrete.
- Pasting airport beacons.
- Stuck in traffic control loops.
- Bonding glass-concrete and glass-glass.

Properties:

- No solvents.
- Hardens without shrinkage.
- Excellent adhesion to concrete surfaces metal.
- Able to adhere on surfaces slightly moist.
- High mechanical resistance.

Technical:

- Type: Two-component epoxy resin
- Color: dark amber
- Density: 1.40 kg / l
- Pot-life at 25 ° C (Tecam 100 g): 30-50 min
- Temperature support:
+10 ° C minimum maximum +30 ° C
- initial curing (25 ° C): 6 hours
- Full cure (25 ° C): 7 days
- Compressive strength: 600-800 Kg/cm²
- Adherence: > 30 kg/cm² (broken concrete)
- Chemical resistance: Good resistance to acids mineral and organic dilute alkalis, solvents, oils

and gasoline.

• Mixing ratio:

(by weight) Comp. A: 82.0% - Comp. B: 18.0%

(by volume): Comp. A: 73.5% - Comp. B: 26.5%

Consumption:

The approximate consumption of 32N is TECHMODUR UNION approximately 1.4 kg/m² per millimeter of thickness.

How to use

• Substrate Preparation

The surface must be clean, devoid of dust and substances. When applied on metal surfaces must sandblast used for cleaning.

• Application

Are mixed intimately, the two components

A and B using an electric stirrer low revolutions careful not to introduce too much air.

After achieving a homogeneous mixture, apply by harrow, roller or rubber spatula.

The pouring of concrete on Techmodur Union 32 N must be immediately and time is dsiponible approximately of pot life depending on the temperature.

Cleaning Tools

The tools are cleaned with solvent immediately after use.

Presentation

UNION TECHMODUR 32N is supplied in batches (A + B) 1.25, 5 and 43 kg



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Adhesion primer for mortars, plasters, cement and gypsum derived

Consumption / Dosage:

Approx. from 0.125 to 0.150 kg/m², depending on the roughness and absorption media.

Quality support:

The substrate must be sound, compact, clean and free of dust, dirt, laitance, loose particles, demolding and remains of other trades.

The substrate must be dry or slightly moist but not waterlogged for the application.

Application Temperature:

Minimum +5 °C / + 35 °C maximum.

Method of Application / Tools:

The product is supplied ready for use, but is convenient homogenize before use.

It is applied by brush, roller hair hard, or using a suitable pistol forming a continuous film on the surface.

It can be used for both placing mortar or plaster then, or after a certain time (within 48 hours).

Subsequent to this time, maintains its tackiness, but no danger of soiling by dust, and waste some of their adhesive power. Must pass at least 30 minutes for the application of mortar or plaster over the primer.

Cleaning Tools:

Be cleaned with water immediately after use, before the product hardens. Once hardened only be removed mechanically.

Open time:

Approximately 48 h at +23 °C.

Application Notes / Limitations:

In porous materials, such as plastic or metal, epoxy resin to be used as traction member.

This product is not suitable for structural joints as new concrete to old concrete wall-slab etc.

The fresh plaster or mortar should be placed while the product tack (approx. 48 h. at 23 °C).

Health and Safety Instructions:

For information and security issues in the use, handling, storage and disposal of chemical residues, users should consult the latest version of the Product Safety Data Sheet, containing physical, ecological, toxicological and other security issues.

NOTE:

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