

A HIGH PERFORMANCE EPOXY ADHESIVE FOR GROUTING & BEDDING TILES

DESCRIPTION

A 3 component epoxy adhesive & tile grout for use in heavy duty situations in corrosive and hygienic conditions.

USES & ADVANTAGES

Condur TA is used to bed & grout tiles in one operation with one material. It is to be used where chemical resistance, and hygienic conditions are required in, for example, laboratories, kitchens, bottling plants, breweries etc.

Advantages include:-

- Resistant to a wide range of acids & chemicals.
- Does not support bacteria growth.
- Hygienic & easy to clean.
- Non absorbent.
- Non toxic, non food tainting.
- Dual purpose for bedding & grouting tiles.
- Excellent adhesion to most surfaces.

PROPERTIES

Appearance:	Grey
Specific Gravity mixed:	Approx. 1.8
Pot life:	Approx. 60 minutes at 25°C
Bond strength:	> 3 Mpa
Compressive strength:	≥ 80 N/mm ²
Chemical resistance:	
Citric Acid 10%	Excellent
Tartaric Acid 10%	Excellent
Acetic Acid 5%	Satisfactory
Nitric Acid 25%	Good
Hydrochloric Acid 25%	Excellent
Sulphuric Acid 50%	Very Good
Sodium Hydroxide 50%	Excellent
Diesel Fuel / Petrol	Very Good
Sugar Solutions	Very Good
Lactic Acid	Very Good
Hydrocarbons	Very Good
Phosphoric Acid 50%	Very Good

Properties are listed for guidance and are not a guarantee of performance.

SUBSTRATE PREPARATION

Surface preparation is important. All surfaces should be dry, clean, free from standing water, grease, curing compounds, mould oils and all loosely adhering particles. Cement laitance should be removed by mechanical means. Roughen surfaces with chipping to ensure good bonding. Steel surfaces should be grit blasted to white metal.

MIXING

Mix component A and B together thoroughly with a slow speed drill for 1 minute (max 400 R.P.M.). Then add component C and continue mixing until a homogenous mixture is achieved.

APPLICATION

After preparing the surface apply a solid bed of adhesive to a minimum thickness of 3 mm. Ensure the surface to be covered can be achieved within the pot life.

To vertical surfaces apply the material with a notched trowel, press tiles firmly into place. In vertical applications start tiling from bottom upwards. Ensure that at least 75% of the tiles back is in contact with the adhesive and that 3 mm. is left between the tiles for grouting. Grouting can be carried out as bedding takes place. If applying in one operation apply additional material to allow it to squeeze through gaps once tiles are pressed on to the adhesive. Trim off the joints & finish with a spatula. If grouting takes place after bedding apply the grout to the joints with a spatula & finish off. Remove surplus material from the tiles before it cures.

CURING

The minimum temperature for curing should be 10°C. The area can be opened to foot traffic after 24 hours at 20°C. Complete cure is achieved in 7 days.

COVERAGE RATES

Coverage rates are dependent on the specified tile or paviour dimensions. A 150 x 150 x 20 mm. tile would require the following :

Bedding	5 mm. :	5.0 ltrs/m ²
Jointing	3 mm. :	0.8 ltr/m ²
	6 mm. :	1.7 ltrs/m ²

All calculated usages assume constant thickness on a regular substrate. Failure to achieve the required surface will lead to additional material being used.

CLEANING

Clean all tools and equipment immediately with **Cormix Cleaner**.

PACKAGING

A+B+C 10 kg. pre-measured sets or larger packaging upon request.

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STORAGE & SHELF LIFE

Store in dry conditions between 5°C - 40°C. The shelf life is 12 months when unopened and stored correctly.

HEALTH & SAFETY

Avoid contact with skin and eyes and avoid breathing vapour. Use only in well ventilated areas away from heat sparks or naked flame. Wear suitable protective clothing, gloves and eye protection when mixing or using. If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do **NOT** induce vomiting give a glass of water. If in eyes, hold eyes open, flush with water for at least 15 minutes and see a doctor. If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.

TECHNICAL SERVICE

The Cormix International Technical Service Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

QUALITY ASSURANCE

ISO 9001 : 2008 verified by TUV Nord.

CONTACT DETAILS

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