

TAL EPOXY ADHESIVE AND GROUT®



DESCRIPTION

TAL Epoxy Adhesive and Grout is a high performance, 2 component, epoxy based adhesive for fixing ceramic tiles to walls, floors and subsequent grouting.

AREAS OF APPLICATION

TAL Epoxy Adhesive and Grout is suitable for fixing ceramic tiles in installation areas such as abattoirs, breweries, dairies, swimming pools, hospitals and food and beverage production and preparation sites. The product is required where chemical resistance and good hygienic conditions are important.

TECHNICAL DATA

Chemical resistance

TAL EPOXY ADHESIVE AND GROUT, when fully cured, is resistant to the following:

Products	Chemical	Max Concentration
1. Acids	Citric Acid	10%
	Tartaric Acid	10%
	Oxalic Acid	10%
	Lactic Acid	5%
	Acetic Acid	3%
	Other Acid	5%
2. Alkalis	Alkali Hydroxides	10%

TAL EPOXY ADHESIVE AND GROUT shows poor resistance to:

Acetone	Perchloroethylene
Benzene	Tetrahydrofuran
Carbon Tetrachloride	Toluene
Chloroform	Trichloroethane
Chromic Acid	Trichloroethylene
Methylene Chloride	Xylene
Oleic Acid	

Temperature resistance

TAL EPOXY GROUT will withstand service temperatures within the range of -30°C up to 50°C for prolonged periods and up to 100°C for short periods. The product is suitable for use in installations where tiling will be subjected to steam cleaning.



Empty resin into the container.



Add the hardener component slowly while mixing.



Never use part portions of the two components.

TECHNICAL ADVICE CENTRE NATIONWIDE 0800 008 008

Another successful installation guaranteed

A **NORCROS** COMPANY



Solutions Through Technology

TAL EPOXY ADHESIVE AND GROUT®

DIRECTIONS

Priming:

The area to be fixed with ceramic tiles must be primed with a suitable primer before fixing. TAL Epoxy Primer must be applied to a clean and dry background that is free from bitumen and other contaminants.

Mixing and application:

It is essential that the tiles used are appropriate for the service conditions and are fixed in a solid bed of adhesive i.e. ensuring that no voids are left behind the tile. The Resin must be emptied into the container supplied. Add the hardener component slowly while mixing and once all the hardener is added, mix until a uniform colour and consistency is achieved.

N.B. Never attempt to use part portions of the 2 components.

Using a notched TAL FLOOR TROWEL apply the adhesive so that a solid bed of 3 to 4 mm is achieved when the tiles are fixed. The adhesive must be applied at least 3 hours after application of the TAL Epoxy Primer and not later than 8 hours from primer application. The adhesive must be applied at temperature between 10°C and 35°C.

N. B. The adhesive will not cure at temperatures below 10°C.

After mixing, the product is useable for an hour at 20°C. It is essential not to mix more adhesive kits than can be used within an hour. The product will allow light traffic after 24 hours and will achieve full strength and maximum chemical resistance after 7 days.

STORAGE AND SHELF LIFE

When stored under cover between 5°C and 30°C, the product has a shelf life of 6 months. Never store directly on a concrete floor.

PACKAGING

Available in 5kg packs.

TAL GUARANTEE

TAL products are manufactured to the highest standards and are guaranteed to be free from manufacturing defects and fit for design purpose. TAL products must be used strictly in accordance with TAL's methods and materials specifications and good working practice.

TAL TECHNICAL ADVISORY SERVICE

For a detailed methods and materials specification contact the TAL TECHNICAL ADVICE CENTRE on our toll free line on 0800 008 008 or fax (011) 316 3127.

PRECAUTIONS

Keep out of reach of children. Not to be ingested. Avoid skin and eye contact. Wear safety goggles. As certain persons are prone to dermatitis when using epoxy resins it is advisable to wear rubber gloves. Any material coming into contact with the skin should be washed off promptly and thoroughly with soap and water. In the case of eye contact, wash immediately with copious amounts of water and seek medical attention. Work in well-ventilated areas or use suitable breathing apparatus.

CONTACT DETAILS

Toll free Technical helpline 0800 008 008

Johannesburg: (011) 316 3133 • Cape Town (021) 386 1810 • Durban (031) 700 1535

IMPORTANT NOTICE

TAL believes the information on this sheet to be correct – but does not guarantee its accuracy or completeness. Conduct your own tests of this product to determine its suitability for intended use. User assumes all risks and liability during testing and use of this product. The only obligation of TAL shall be to replace any of this product proved to be defective in material or workmanship. TAL shall not be liable for any injury, loss or damage, direct or consequential, relating to the use or inability to use this product. Except as expressly provided above, all products sold and samples furnished without any warranty of merchantability or any other warranty, express or implied. TAL reserves the right to change the information on this datasheet.

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