



PACTOTile EG

High Performance Epoxy Resin Ceramic Tile Adhesive and Tile Grout

DESCRIPTION

PACTOTile EG is a three component solvent-free epoxy resin based adhesive and grouting system, which provides excellent adhesion and chemical resistance in medium and heavy duty corrosive and hygienic environments.

TYPICAL USES

PACTOTile EG is designed to provide permanent fixing for ceramic tiles where a hygienic, chemically resistant and waterproof adhesive is required.

It is designed as an impervious, high strength adhesive and grouting material offering excellent chemical resistance.

The product is recommended for wall and floor tiling where hygiene is of paramount importance, particularly:

- Food processing areas and industrial kitchen
- Swimming pools
- Hospitals applications
- Plants and Electrical substations
- Laboratories
- Heavy duty workshops and garages
- Bottling plants and breweries

PACTOTile EG should be used in critical situations where traditional cementitious adhesives are inappropriate particularly in aggressive environments. It has a good resistance to commonly encountered dilute acids, alkalis, salts, oils and fats.



STANDARDS:

ANSI A118.3, ASTM C881-78 Type 1, Grade 3, Class B & C

ADVANTAGES

- Excellent adhesion even in immersed conditions
- Hygienic – will not encourage bacterial growth
- Excellent application characteristics
- Excellent chemical resistance
- Dual purposes bedding and grouting of tiles
- Suitable for vertical and horizontal applications, in interior and exterior locations.

TECHNICAL DATA (Typical results @ 25°C)

Comprehensive strength (ASTM C579)	>80 N/mm ²
Tensile Strength	16.5 N/mm ²
Flexural Strength	35.0 N/mm ²
Mixed density	1.9 kg/ltr +/-0.05
Working time	30 mins
Full Cure	7 days
Pull off Strength (BS 1881 Part 207)	2.6 N/mm ²

CHEMICAL RESISTANT CHART

VERY GOOD TO:

10% Lactic acid, 10% Citric acid, 40% Phosphoric acid, 50% Hydrochloric acid, 50% Sulphuric acid, Concentrated bleach, Saturated sugar solution, Saturated urea solution, White spirit, Oil, Petrol, Greases, Xylene, 10% Ammonia, 50% Caustic soda

Good to:

Butanol, Skydrol

APPLICATION

SURFACE PREPARATION

The substrate must be clean and dust free. All contaminants such as friable material, grease and oil should be removed completely.

MIXING

The total contents of the hardener should be emptied into the base component and stirred thoroughly using a suitable spatula or drill and paddle until a smooth paste which is uniform in colour, is obtained. Add component C (the color part) and continue mixing till a uniform consistency is achieved.

APPLICATION

The mixed material should be applied to the substrate using a toothed tiling comb. The tiles should be pressed firmly in place using a twisting action to ensure good contact with the adhesive. Typical adhesive depths will approx. 3 – 4 mm. Remove any excess adhesive from the surface of the tiles with a dry cloth immediately.

The joints between tiles may be grouted using **PACTOTile EG** applied by plastic spatula, working on a maximum area of 0.5m² at a time.

COVERAGE

Tile size (w x b) mm	Tile Thickness mm	Joint width mm	Grout consumption ltr/m ²
200 x 200	6	5	0.370
400 x 500	6	5	0.170

Above figures are theoretical values only. Allowance for wastage should be considered.

EQUIPMENT CLEANING

Tools may be cleaned using **PACTOtop Cleaning Fluid** whilst the product is in its uncured state.

Once hardened the product can only be removed by mechanical means.

APPLICATION TEMPERATURE RANGE

Minimum	+5°C
Maximum	+35°C

PACKAGING

PACTOTILE EG is supplied in 3 components 5 ltr pack, It is supplied in several standard colors.

STORAGE AND SHELF LIFE

PACTOTile EG has a shelf life in excess of 12 months when stored in original containers in a cool dry environment. At temperatures above 35°C, the pot life will be reduced.

HEALTH AND SAFETY

PACTOTile EG and **PACTOtop cleaning fluid** should not come into contact with eyes or skin, nor should it be ingested.

When using **PACTOtop Cleaning Fluid** ensure adequate ventilation and avoid inhalation of vapour. Wear adequate protective clothing including gloves and eye protection.

If contact with skin occurs, rinse with water then clean using soap and water.

If swallowed, DO NOT induce vomiting. Seek medical attention immediately

FLAMMABILITY

PACTOTILE EG is non-flammable

FLASHPOINT

PACTOTILE EG	>150°C
PACTOtop Cleaning Fluid	>40°C



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Page 2 of 2