



DESCRIPTION

PACTOTile EG is a three component solvent-free, water cleanable, antifungal and anti-bacterial 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.

The product is recommended for wall and floor tiling in:

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

ADVANTAGES

- Good chemical and water resistant
- Good resistance to bacterial and fungal growth
- Curing is not affected by high humidity
- Impact and vibration resistant
- Available in a wide range of colours.
- Water Cleanable.

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

TECHNICAL DATA (Typical results @ 23±2°C)

Comprehensive strength @ 7 days (ASTM C579-18)	>80 N/ mm ²
Tensile Strength @ 7 days (ASTM C307-18)	>7.5N/mm ²
Shear Bond @ 14 days (ANSI 118.3)	>7.5 N/mm ²
Shear Bond after thermal shock @ 14 days (ANSI 118.3)	>6.0N/mm ²
Water Cleanability (ANSI 118.3-5.1)	up to 80 minutes
Dry Shrinkage @ 3 days (ASTM C531)	0.099
Sag in Vertical Joints (ANSI 118.3-5.4)	No sag
Working time (ASTM C308)	45 mins
Initial setting time (ASTM C308)	180 minutes
Full Cure	7 days
Mixed density	1.6kg/l±0.05
VOC (USEPA 24)	8.0 g/L

CHEMICAL RESISTANT

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 Adhesive: 0.5 m²/lit @ 2mm thickness

Grout:

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.

PACKAGING

PACTOTILE EG is supplied in 3 components 5 liter 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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