



## ADHERE BONDS-ETG

### Epoxy Tile Joint Grout

The Versatile, durable, hygienic, hard-wearing, impermeable, epoxy based tile joint grout with high degree of resistant to chemical attack, abrasion and impact, does not permit the entry of bacteria or dirt and is easily maintained in a sterile condition for interior and exterior: for hospitals, laboratories, laundries, kitchens, dairies, breweries, distilleries, refrigerated rooms, toilets, bathrooms, swimming pools, car wash bays etc.

#### FEATURES:

Manufactured under BSI Quality Assurance scheme ISO 9001

Resistant to chemicals

Impermeable to liquids and easy to sterilize, clean and maintain

High bond strength

Easy to use

Available colours:

Grey, White, Ivory, Yellow, Pink, dark green, terracotta, dark grey, silver grey, black etc.

#### SURFACE PREPARATION:

All surfaces must be rigid, dry, clean and sound. Wirebrush the surface and then wash down with water and allow drying. Any voids or defects must be repaired beforehand and allowed to fully set.

#### APPLICATION:

Before commencing grouting the adhesive bed must be set. 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, as far as possible, no voids are left behind / beneath the tiles. Protect open joints from contamination and ensure that they are clean, dry and free loose debris prior to grouting.

#### Mixing:

1. COMP 'C' content may be adjusted for smooth or rough surface finish & temperature during application. Moreover generally more filler will be required for walls than floors.
2. Shake the bottle of COMP 'B' and stir the COMP 'A' prior to mixing.
3. Add COMP 'A' and COMP 'B' in a suitable, clean container and thoroughly mix together. If an electric drill mixer is used, blend on a slow speed (less than 300rpm).

Mixing ratio is 2 : 1.

4. Slowly add the required quantity of COMP 'C', mixing thoroughly until all the powder is dispersed and a uniform colour is achieved. Avoid entraining air by mixing at too high a speed or by over-mixing.
5. Using a hard rubber grout float, compact the grout into

the joints ensuring that they are completely filled. Work in small areas and remove as much excess from the tile surface as possible. Strike off excess materials diagonally to the grout lines.

6. Plug open-ended joints with the stiffer mix to prevent any slumping of the grout joints from occurring.

7. Within 30 minutes of application, clean off surplus grout. Use an EMULSIFYING PAD & GRIPPER dampened with clean water to break down (emulsify) the grout residue. Use a circular motion and keep the pad and gripper flat relative to the tile surface to achieve a flush joint. Warm water, although not essential will greatly ease the emulsification process. Do not allow water to flow/run into ungrouted joints.

8. Clean off the emulsified epoxy/water residue with a fine sponge, taking care not to drag grout from the joints. Clean diagonally to the grout lines.

9. Any light haze remaining on the tile surface can be cleaned off the next day using the EMULSIFYING PAD & GRIPPER and an alkaline detergent. Do not allow the haze to remain on the surface for any longer than 24 hours.

#### TECHNICAL DATA:

Joint width	2 - 20 mm
Working time at 27°C	45 minutes
Setting time at 27°C	48 hours
Temperature Resistance	Prolonged 30° to 70°C intermittent up to 100°C
Water absorption	Nil
Shelf Life	12 months when stored in cool dry place
Specific Gravity	1.75

#### STANDARDS:

ADHERE BONDS-ETG meets the requirements of British standards BS. 5980:1980.

#### COVERAGE:

Use Formula (Theoretical)

$((\text{Tile length} + \text{Tile breadth}) \times \text{Tile thickness} \times \text{Specific gravity})$   
 $((\text{Tile length} + \text{Joint width}) \times (\text{Tile breadth} + \text{Joint width}))$   
 = Kg/m<sup>2</sup>

APPLICATION AREA	ADHERE BONDS-ETG		
Comp 'A'	Comp 'B'	Comp 'C'	
(By Weight)			
For WALL @ 27°C	2	1	10

#### PACK SIZE:

ADHERE BONDS-ETG	5Kg Packing	1Kg Packing
COMPOUND-A (RESIN)	1.0 Kg	0.2 Kg
COMPOUND-B (HARDENER)	0.5 Kg	0.1 Kg
COMPOUND-C (FILLER)	3.5 Kg	0.7 Kg

#### Note:

Whilst any information and / or specification contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendation or suggestions made by us, our representatives, agents or distributors as the conditions of use of any labour involved are beyond our control.

