



## **BOND GROUT-EPG-01, 02, 03,04**

### **EPOXY TILE GROUT**



EPOXY POLYMER GROUT is for: ceramic tile, pavers, floor brick, packing house tile and stone ceramics and mosaics on Floor, wall, swimming pool, etc. in dry or wet interior and exterior environments.  
For joint widths: up to **2mm to 20 mm**.

**WHERE TO USE:-**Tile grout is suitable for bakeries, dairies, cheese factories, breweries, CIP rooms, meat packing plants, soft drink plants, confectioneries, canneries, distilleries, food, pharmaceutical, factories. institutional kitchens, fast food restaurants, cafeterias, laboratories, supermarket on walls, floors, Interior , Exteriors, Dry & wet area, Swimming Pools, Traffic area, etc.

#### **Advantages:-**

- Water and solvent cleanable
- Fast curing
- Cures at low temperature.

**SURFACE PREPARATION:-** Surface should be Dry, clean, even and free from dust, dirt, paint, rust, Algae, grease, soluble salt, or other contaminations . For cleaning use hand or power tools and cleaning chemicals / paint remover and then use rust remover or sand blasting wherever required

**METHOD OF USE:-** take required water and add powder , mix it and use it.

<b>BOND</b>	<b>EPG-01</b>	<b>EPG-02</b>	<b>EPG-03</b>	<b>EPG-04</b>
<b>TYPE</b>	<b>EPOXY PASTE NON SANDED</b>	<b>EPOXY SANDED</b>	<b>AQUVA EPOXY PASTE NON SANDED</b>	<b>AQUVA EPOXY SANDED</b>
<b>Color</b>	Off White, Grey, Black, Red, Ivory, Blue, Dark Brown, Yellow, Green, etc	Off White, Grey, Black, Red, Ivory, Blue, Dark Brown, Yellow, Green, etc	Off White, Grey, Black, Red, Ivory, Blue, Dark Brown, Yellow, Green, etc	Off White, Grey, Black, Red, Ivory, Blue, Dark Brown, Yellow, Green, etc
<b>For Gap</b>	2-6 mm	4-20 mm	2-6 mm	4-20 mm
<b>FINISH</b>	Non sanded Smooth Semi Gloss	Sanded Smooth Semi Gloss	Non sanded Smooth Matt	Sanded Smooth Matt

<b>SOLID % BY VOLUME</b>	100%			100%			Part-A 100% +-2% Part-B 70% +-2%			Part-A 100% +-2% Part-B 70% +-2%		
<b>FLASH POINT</b>	None			None			None			None		
<b>MIXING</b>	Two pack			Three pack			Two pack			Three pack		
<b>Mixing Ratio</b>	A:B : = 2:1			A:B :C = 1:0.5: 4			A:B = 1:1			A:B :C = 1: 1 : 3- 4		
<b>Pot Life</b>	30-45 minutes after mixing			30-45 minutes after mixing			4-5 hours after mixing			4-5 hours after mixing		
<b>METHOD OF USE</b>	By spatula/ Trowel pad			By spatula/ Trowel pad			By spatula/ Trowel pad			By spatula/ Trowel pad		
<b>FOOT TRAFFIC TIME</b>	24 hours			24 hours			Over night			Over night		
<b>HEAVY TRAFFIC TIME</b>	72 days			72 days			72 days			72 days		
<b>COVERGE (Theoretically)</b>	<u>Tile Size</u> 200x200x9mm 300x300x9mm	<u>Joint Width</u> 3mm 3mm	<u>Coverage</u> 2.29m2/kg 3.39m2/kg	<u>Tile Size</u> 150x150x6mm 200x200x6mm	<u>Joint Width</u> 2mm 2mm	<u>Coverage</u> 4.8m2/kg 6.4m2/kg	<u>Tile Size</u> 150x150x5.5mm 200x200x5.5mm	<u>Joint Width</u> 2mm 2mm	<u>Coverage</u> 4.0m2/kg 2.7m2/kg			
<b>Flexural strength under standard condition</b>	> 2.5 N/mm <sup>2</sup>			> 2.5 N/mm <sup>2</sup>			> 2.5 N/mm <sup>2</sup>			> 2.5 N/mm <sup>2</sup>		
<b>Compressive strength under standard condition</b>	> 15 N/mm <sup>2</sup>			> 15 N/mm <sup>2</sup>			> 15 N/mm <sup>2</sup>			> 15 N/mm <sup>2</sup>		
<b>Water absorption after 30</b>	minutes < 5 g			minutes < 5 g			minutes < 5 g			minutes < 5 g		
<b>Shrinkage</b>	0.07%			0.07%			0.7%			0.7%		
<b>UV Resistance</b>	Excellent			Excellent			Excellent			Excellent		
<b>CHEMICAL RESISTANCE</b> Chemical Floor Epoxy Acetic Acid (5%) HH Acetic Acid (10%) H Acetone H Acetyl Bromide H Aluminium Bromide HHH Aluminium Fluoride HHH Ammonium Bromide (5%) HH Baking Soda HHH Barium Hydroxide HHH Beer HHH Benzene H Boric Acid HHH n-Butanol HHH Butyl Acetate H Calcium Chloride HHH Calcium Hydroxide HHH Carbon Disulphide H Carbon Tetrachloride H Carbonates HHH Carbonic Acid HHH Castor Oil HHH Chlorides HHH Chlorinated Paraffin HHH Chloroform H Chromic Acid H Citric Acid HHH Coconut Oil HHH Cotton Seed Oil HHH Diesel Oil HHH	Good			Good			Good					

Dilute Detergents HHH  
 Ethanol HHH  
 Ethyl Alcohol H  
 Ethylene Glycol HHH  
 Fats HHH  
 Ferric Chloride HHH  
 Fish Oil HHH  
 Fluorides (except HF) HHH  
 Formic Acid H  
 Gasoline HHH  
 Ground Nut Oil HHH  
**Chemical Floor Epoxy**  
 Heptane HHH  
 Household Ammonia HH  
 Hydrobromic Acid HH  
 Hydrochloric Acid (dil) HH  
 Kerosene HHH  
 Lactic Acid (3%) HH  
 Lime Juice H  
 Linseed Oil HHH  
 Lubricating Oils HHH  
 Methanol HH  
 Milk HHH  
 Nitrates HHH  
 Nitric Acid (10%) H  
 Oleic Acid HHH  
 Palm Kernel Oil HHH  
 Palm Oil HHH  
 Paraffin Wax HHH  
 Petroleum Products HHH  
 Phenol H  
 Phosphoric Acid (10%) HH  
 Pine Oil HHH  
 Polypropylene Glycol HHH  
 Potassium Hydroxide HHH  
 Proprietary Sterilising  
 Agents HHH  
 Silicates HHH  
 Sodium Carbonate HHH  
 Sodium Chloride HHH  
 Sodium Hydroxide HH  
 Sodium Hypochlorite Soln.\*  
 HHH  
 Soya Bean Oil HHH  
 Sugars HHH  
 Sulphates HHH  
 Sulphuric Acid (45%) H  
 Sunflower Seed Oil HHH  
 Tannic Acid HHH  
 Tetrahydronaphthalene HHH  
 1,1,1-Trichloroethane HHH  
 Vegetable Oils HHH  
 Water HHH  
 White Spirit HHH  
 \*(15% available chlorine)



\* Splash contact  
 only  
 \*\* Contact for max. 24  
 hours before washing  
 off  
 \*\*\* Prolonged contact

<b>Special Uses</b>	For tile grout, crack filling and joint sealing applications.	For tile grout, crack filling and joint sealing applications.	For tile grout, crack filling and joint sealing applications.	For tile grout, crack filling and joint sealing applications.
<b>STORAGE LIFE</b>	6 Months	6 Months	6 Months	6 Months
<b>PACKING LITERS</b>	<b>3 Kg</b> (A+B = 12+1 Kg) <b>15 Kg</b> (A+B= 10 +5 Kg) <b>30 Kg</b> (A+B = 20 +10)	<b>20 Kg</b> (A+B = 17.850 + 2.5 Kg) <b>11.400 Kg</b> (A+B = 10 + 1.4 ) <b>2 Kg</b> (A+B = 2 +0.5 )	<b>2 Kg</b> (A+B = 1 + 1 Kg) <b>4.0 Kg</b> (A+B= 2 +2 Kg) <b>20 Kg</b> (A+B = 10 +10)	<b>6 Kg</b> (A+B+C = 1 + 1 + 4 Kg) <b>28 Kg</b> (A+B+C = 4 + 4 + 20) <b>70 Kg</b> (A+B+C = 10 +10 +50)  <b>140 Kg</b> (A+B+C = 20 +20 +100)

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The information contain here in is reliable and accurate the best of our knowledge. Technical services will provided for guidance when required. However conditions of uses and methods of application are beyond our control, no warranty is expressed or implied.

ALSO AVAILABLE CONSTRUCTION CHEMICALS LIKE CEMENT ADDITIVES, WATERPROOFING COATINGS,WATER REPPALENTS, CHEMICALS & ABRASION RESISTANCE FLOORINGS MATERIALS, EPOXY-POLYURETHANE RESINS, GOUTING MATERIALS, ANTI CORROSIVE PAINTS, FACADE PAINTS, SEALENTS AND ADHESIVES, RETRO REINFORCING REHABILITATION MATERIALS. FOR BUILDING, BRIDGE, DAM, CANAL, TUNNEL AND MARINE STRUCTURES, ETC

### TECHNICAL SERVICES & Technical assistance

Information is available by calling the Mr Bond Technical Service at:

Email:- [Costomercare@mrbond.org](mailto:Costomercare@mrbond.org)

#### **MR. BOND POLYCHEM**

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