

# BOND

## FLOOR PATCH -FP-01, 02, 03,04

### EPOXY FLOOR PATCH

EPOXY FLOOR PATCH is Emergency repairs for a floor of industrial , House, ware houses, Railway coach , packing house, wall, swimming pool, etc. in dry or wet interior and exterior environments.  
For joint / Gap depth and widths: up to **2mm to 20 mm**.

**WHERE TO USE:-** Floor Patch 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, ceramic, chemical , and all industries etc.

#### Advantages:-

- Emergency repairs and immediate can use the floor
- Water and solvent cleanable
- Fast curing
- Cures at low temperature. Dust free glossy and mate finish surface.

**SURFACE PREPARATION:-** Surface should be Dry, clean, even and free from dust, dirt, paint, rust, Algee, 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:-** Just mix all ingredients and pour in to the gap, joint or a cracks and allow it to level, level the surface wherever required. After the level place the plastic piece on the surface and apply roller for finishing. Remove plastic after 24 hours. You get finish smooth surface.

BOND TYPE	FP-01 EPOXY PASTE	FP-02 EPOXY MORTAR	FP-03 AQUVA EPOXY PASTE	FP-04 AQUVA EPOXY MORTAR	FP-05 POLYMER BLEND FLOOR PATCH
Color	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	
For Gap	2-6 mm	4-20 mm	2-6 mm	4-20 mm	
FINISH	PASTY Smooth Semi Gloss	Sanded Smooth Semi Gloss	PASTY Smooth Matt	Sanded Smooth Matt	
SOLID % BY VOLUME	100%	100%	Part-A 100% +-2% Part-B 70% +-2%	Part-A 100% +-2% Part-B 70% +-2%	
FLASH POINT	None	None	None	None	
MIXING	Two pack	Two pack	Two pack	Two pack	
Mixing Ratio	A:B : = 2:1	A:B = 2:1	A:B = 2:1	A:B :C = 2:1	
Pot Life	30-45 minutes after mixing	30-45 minutes after mixing	4-5 hours after mixing	4-5 hours after mixing	

METHOD OF USE	By spatula/ Trowel pad	By spatula/ Trowel pad	By spatula/ Trowel pad	By spatula/ Trowel pad	
FOOT TRAFFIC TIME	24 hours	24 hours	Over night	Over night	
HEAVY TRAFFIC TIME	72 days	72 days	72 days	72 days	
COVERGE (Theoretically)	<u>Tile Size</u> 200x200x9mm	<u>Joint Width</u> 3mm	<u>Coverage</u> 2.29m <sup>2</sup> /kg	<u>Tile Size</u> 150x150x6mm	<u>Joint Width</u> 2mm
	300x300x9mm	3mm	3.39m <sup>2</sup> /kg	200x200x6mm	2mm
Flexural strength under standard condition	> 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>	
Compressive strength under standard condition	> 15 N/mm <sup>2</sup>	> 15 N/mm <sup>2</sup>	> 15 N/mm <sup>2</sup>	> 15 N/mm <sup>2</sup>	
Water absorption after 30 minutes	< 5 g	< 5 g	< 5 g	< 5 g	
Shrinkage	0.07%	0.07%	0.7%	0.7%	
UV Resistance	Excellent	Excellent	Excellent	Excellent	
CHEMICAL RESISTANCE	Good	Good	Good	Good	
<b>Chemical Floor Epoxy</b> 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 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 <b>Chemical Floor Epoxy</b> 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					

<p>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</p>					
<p><b>Special Uses</b></p>	<p>For Dent &amp; gap filling, tile grout, crack filling and joint sealing applications.</p>	<p>For Dent &amp; gap filling, tile grout, crack filling and joint sealing applications.</p>	<p>For Dent &amp; gap filling, tile grout, crack filling and joint sealing applications.</p>	<p>For Dent &amp; gap filling, tile grout, crack filling and joint sealing applications.</p>	
<p><b>STORAGE LIFE</b></p>	<p>6 Months</p>	<p>6 Months</p>	<p>6 Months</p>	<p>6 Months</p>	
<p><b>PACKING LITERS</b></p>	<p><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)</p>	<p><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 )</p>	<p><b>1.5 Kg</b> (A+B = 1 +0.5 Kg)  <b>3.0 Kg</b>(A+B= 2 +1 Kg) <b>30 Kg</b>  <b>Kg</b> (A+B = 20 +10)</p>	<p><b>5.5 Kg</b>  (A+B+C = 1 +0.5 + 4 Kg)  <b>32.5 Kg</b>  (A+B+C = 5 +2.5 + 25)  <b>130 Kg</b>  (A+B+C = 20 +10 +100)</p>	

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**

111, Shivam Complex, Science city road, Sola, Ahmedabad-60 (Guj) India  
mail: [jbond009@yahoo.co.in](mailto:jbond009@yahoo.co.in) / [info@mrbond.co.in](mailto:info@mrbond.co.in) / [contact@mrbond.co.in](mailto:contact@mrbond.co.in)  
web: [www.mrbond.co.in](http://www.mrbond.co.in) / [www.mrbond.org](http://www.mrbond.org)  
M-0 94094 57994 / 093279 24007 Ph: 079-2777 4269

