

## MEGA POX BB

Solvent Free Epoxy Coating System For Concrete And Steel Surfaces

### DESCRIPTION

- **MEGA POX BB** is a two component solvent free epoxy.
- Mechanically, chemically and abrasion resistant.
- For application on concrete and cementitious screeds.

### FIELDS OF APPLICATIONS

- \* Top coat for anti-skid flooring
- \* Self leveling mortar screed
- \* Sealer for porous surfaces
- \* Chemical resistant flooring
- \* Mechanical resistant mortar screed.

### SUBSTRATE PREPARATION AND MIXING

- Substrate should be dry, sound and clean.
- Humidity content should not exceed 4%
- The compressive strength of substrate should not be less than 250 kg/cm<sup>2</sup>
- For smooth surfaces it is recommended to be mechanically roughened.
- Component A (resin) should be stirred before use. Pour component B (hardener) completely into component A (base) and mix with suitable mixer for approx. 5 minutes.
- In the case of self-leveling mortars add the reweighed filling material to premixed epoxy and mix for approx. 3 minutes.
- Substrate should be primed with **MEGA POX SF** or **MEGA POX P** or Self Primed at a rate of 200-300 gram/m<sup>2</sup>.
- Clean sand (0.3-0.8 mm size) can be scattered at a rate of 500-1000 g/m<sup>2</sup> for anti skid finish

### APPLICATION AND RATE OF CONSUMPTION

|                       |                              |                              |
|-----------------------|------------------------------|------------------------------|
| * Light duty coating  | (up to 0.40 mm thickness)    | 400-500 gm./m <sup>2</sup>   |
| * Medium duty coating | (up to 1.5-2.0 mm thickness) | 1000-1500 gm./m <sup>2</sup> |
| * Heavy duty coating  | (up to 2.0-30 mm thickness)  | 1500-2000 gm./m <sup>2</sup> |

### STRENGTH in Construction

**TECHNICAL INFORMATION**

|                             |                         |                                 |   |
|-----------------------------|-------------------------|---------------------------------|---|
| <b>Color</b>                | White, Colored          | <b>Flexural strength</b>        | 35.00 N/mm <sup>2</sup>                 |
| <b>Density at 25° C</b>     | 1.45 kg/l               | <b>Abrasion resistance</b>      | 1-5 cm <sup>3</sup> /50 cm <sup>2</sup> |
| <b>Solid content</b>        | 100%                    | <b>Open to foot traffic</b>     | 24 Hours                                |
| <b>Mixing ratio</b>         | 4 : 1 (By weight)       | <b>Open to mechanical loads</b> | 3 days                                  |
| <b>Compressive strength</b> | 40-60 N/mm <sup>2</sup> | <b>Fully cured</b>              | 7 days                                  |

For more information see the mixing chart

| Grade                                 | Step                          | Product                              | Coverage rate (gr/m <sup>2</sup> ) |
|---------------------------------------|-------------------------------|--------------------------------------|------------------------------------|
| -                                     | Primer over scatter           | <i>MEGA POX SF</i><br>or Self Primed | 200-300 gm./mm                     |
| Light duty                            | Coating                       | <i>MEGA POX BB</i>                   | 200-300 gm./mm                     |
| Medium duty<br>(1.5-2.0 mm) thickness | Self-leveling<br>mixing ratio | <i>MEGA POX BB</i>                   | 750 gm./mm                         |
| Heavy duty<br>(2.0-3.0 mm) thickness  | Self-leveling<br>mixing ratio | <i>MEGA POX BB</i>                   | 1000 gm./mm                        |

**PACKAGES**

1 kg , or 4 kg (two components)

**STORAGE**

6 months in sealed packs, under suitable storage conditions.

**TECHNICAL SERVICES**

For further information, on-site assistance and trails, Please contact our technical advisor services.