

## MORSUN EPOXY MORTAR

**PRODUCT CODE**
**MCS-SC-502**
**PRODUCT DESCRIPTION**

A three pack Epoxy Mortar supplied as Base, Accelerator and special Aggregates, used for leveling pits, undulations etc. on concrete surfaces

**TECHNICAL DATA**

|                                         |                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Colour &amp; Clarity</b>             | Base & Accelerator Clear liquid                                                                                                                                                                                                                                                                                                           |
| <b>Mixing Ratio</b>                     | Base : Accl : Aggregate 2 : 1 : 7 to 10 by wt                                                                                                                                                                                                                                                                                             |
| <b>Pot Life</b>                         | 45 minutes                                                                                                                                                                                                                                                                                                                                |
| <b>Volume Solids of Base &amp; Accl</b> | 95 % $\pm$ 2                                                                                                                                                                                                                                                                                                                              |
| <b>Specific Gravity</b>                 | Base & Hardener Mixed 1.05 + 3 %                                                                                                                                                                                                                                                                                                          |
| <b>Practical Covering</b>               | 0.02 ft <sup>3</sup> per kg. (1.0 M <sup>3</sup> = 35.314667 ft <sup>3</sup> )                                                                                                                                                                                                                                                            |
| <b>Mode of application</b>              | Trowel / Putty Knife                                                                                                                                                                                                                                                                                                                      |
| <b>Thinner Recommended</b>              | Morsun Epoxy Thinner (Only for cleaning)                                                                                                                                                                                                                                                                                                  |
| <b>Curing Time</b>                      | Surface Dry: 5 – 7 hours                                                                                                                                                                                                                                                                                                                  |
| <b>Foot Traffic</b>                     | After 24 hours                                                                                                                                                                                                                                                                                                                            |
| <b>Heavy Traffic</b>                    | After 72 hours                                                                                                                                                                                                                                                                                                                            |
| <b>Full Cure</b>                        | After 7 Days                                                                                                                                                                                                                                                                                                                              |
| <b>Bond Strength with Concrete</b>      | 435 psi                                                                                                                                                                                                                                                                                                                                   |
| <b>Surface Preparation</b>              | Prepare the fully cured concrete surface to make it free of all contaminants and prime suitably                                                                                                                                                                                                                                           |
| <b>Priming and Application</b>          | As Primer use the same Base and Accelerator of this system in the recommended ratio i.e. 2 : 1, mix it thoroughly, dilute the mixture to bring it down to brushing consistency using Morsun Epoxy Thinner and apply it on the already prepared concrete surface to be leveled. Apply MORSUN EPOXY MORTAR SC-502 while the primer is tacky |
| <b>Shelf Life</b>                       | 12 months                                                                                                                                                                                                                                                                                                                                 |
| <b>Packing</b>                          | 1 kg. / 4 kg. (1 kg. & 4 kg. include Base and Accl. In the recommended proportion i.e. 2 : 1. Aggregate is supplied separately)                                                                                                                                                                                                           |

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