

MC1990 link coat



Description

MC1990 is a solvent free two part tough, hard wearing etch primer that adheres to existing painted surfaces, concrete, timber and waterproofing membranes and sealants with minimal preparation. Supplied at application viscosity (which can be adjusted with suitable solvents to allow for spray applications), it gives an extremely tough and flexible film. Because it uses a high performance polymer it is resistant to yellowing and age crazing. It has state of the art UV absorbers incorporated that assist in surface protection from the effects of sunlight. It is frequently used as an etch primer to ensure adhesion of subsequent coatings over areas with silicone or hydrophobic sealers.

MC1990 has been specified for use with the range of BEP® Blue Barrier Products

The surface of the dried film will feel slightly sticky, this is normal and allows for the ultimate in chemical bonds to be formed with Elastoshield top coats. The film should be considered dry when the film does not move under a thumb push.

Over-coating should be done within 36 hours in average conditions. Thinning using suitable solvents is possible to allow for spray application.

Clean up should be done with xylene or acetone immediately

Limitation of use

DO NOT apply MC1990 when the temperature is either below 10°C, or above 35°C.

DO NOT apply MC1990 when rain is imminent, or likely before full cure.

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Typical Properties

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| Resin type | High performance Modified Siloxane Polyurethane, supplied as a pre weighed mix of A and B. Mix B into A for 3 minutes minimum, allow to stand to deaerate. |
| Solvent type | EGA |
| Solids | 100% |
| Viscosity | 20,000 cps |
| Acid value | Zero |
| Colour | Available in many colours |
| Specific Gravity | 1.178g/cc |
| Elongation | 300-400% |
| Drying Times | Typical drying times @20°C are : Surface-dry 30 minutes Tack-free 30 minutes Hard dry 2 hours |

As with all coating surfaces all substrates must be clean, dry and sound. Allow new concrete to cure for 28 days before coating. Removal of laitance is essential, either by grinding or etching and water blasting. Make good any spalled, pitted or worn areas of concrete. Some previously coated surfaces will benefit from a roughening of the surface with grit paper, tests should be performed for each application if unsure.

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