

MasterSeal[®] P 700

Fast drying solvent based bitumen primer for bitumen sheet membrane

DESCRIPTION

MasterSeal P 700 is a blend of high penetration grade bitumen with less boiling range hydrocarbon solvents. It is generally used as all-purpose bituminous primer on steel and concrete, prior to the application of waterproofing membranes.

TYPICAL APPLICATIONS

MasterSeal P 700 is suitable for sealing of concrete surfaces, as well as for filling of fissures and joints. To improve adhesion of bitumen waterproofing membranes in below grade and roof deck applications.

PACKAGING AND COLORS

MasterSeal P 700 is supplied in 20 litre pails and 200 litre drums and available in Black.

TYPICAL PROPERTIES*

Viscosity @ 25°C (ford cup # 4)	35-70 seconds
Distillation - by volume %	
Upto 225°C	35 min.
Upto 360°C	65 max.
Test on residue from distillation	
Penetration @ 25°C	25-35 dmm
Solubility in trichloroethylene	99.0% min.
<i>The above is produced to comply with the specification requirement of ASTM D41-85</i>	
Solids Content	55 ± 3%
Specific Gravity	Approx. 0.85-0.9
Drying time	2 ± 1 hours
Flashpoint	35°C

COVERAGE / YIELD

Surfaces are to be free from rust and dust. The primer can be applied with a brush, roller or airless spray gun. The application will differ based on the surface. On steel surfaces application rates more than 10m² per liter. On porous concrete this may be as low as 3m² per liter.

In accordance with specification requirements otherwise, an application rate of 1 litre/m² will result in a DFT of 0.55mm.

STORAGE AND SHELF LIFE

Store under cover out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air-conditioned environment.

MasterSeal P 700 has a shelf life of 12 months.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult Master Builders Solutions Technical Services Department.

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HEALTH AND SAFETY

MasterSeal P 700 contains a large proportion of flammable solvent and must not be exposed to a naked flame or sparks.

The flash point (COC) is 35°C. The vapor given off is narcotic and care should be taken not to inhale it. If applying in an enclosed area, provide adequate ventilation and wear breathing apparatus.

Do not allow smoking at the time of application.

QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

® = Registered trademark of the MBCC Group in many countries.

* Properties listed are based laboratory controlled tests.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

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