

MasterSeal[®] P 700

Fast drying solvent base 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.

PRIMARY USES

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

MasterSeal P 700 is supplied in 20 liter pails and 200 liter drums.

COLOUR

Black

TECHNICAL DATA*

| | |
|---------------------------------|---------------|
| Viscosity @ 25°C (ford cup # 4) | 35-70 seconds |
| Distillation - by volume % | |
| Up to 225°C | 35 min. |
| Up to 360°C | 65 max. |

Test on residue from distillation

Penetration @ 25°C 25-35 dmm

Solubility in trichloroethylene 99.0% min.

The above is produced to comply with the specification requirement of ASTM D41-85

Solids Content 55 ± 3%

Specific Gravity Approx. 0.85-0.9

Drying time 2 ± 1 hours

Flashpoint 35°C

COVERAGE

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 liter/m² will result in a DFT of 0.55mm.

HEALTH & 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.

STORAGE

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.

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's Technical Services Department.

SHELF LIFE

Shelf life is 12 months.

NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Master Builders Solutions representative.

Master Builders Solutions reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY AND CARE

All Master Builders Solutions Products are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health and safety standards of ISO 9001 and Master Builders Solutions ESHQ recommendations.

* Properties listed are based on laboratory controlled tests.

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

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CONTACT

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Disclaimer:

In view of widely varying site conditions and fields of application of our products, this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical help-line for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with Master Builders Solutions and possible resulting damages are in the sole responsibility of the customer.

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