

# MasterSeal P 700

Fast drying solvent base bitumen primer for bitumen sheet membrane

## MATERIAL DESCRIPTION

**MasterSeal P 700** is a blend of high penetration grade bitumen with less boiling range aromatic solvents. It is generally used as an 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 litre containers.

## 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           |
| Solids Content                    | 55 ± 3%             |
| Specific Gravity                  | Approx.<br>0.85-0.9 |
| Drying time                       | 2 ± 1 hours         |
| Flashpoint                        | 35°C                |

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

## 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 10m<sup>2</sup> per litre. On porous concrete this may be as low as 3m<sup>2</sup> per litre.

In accordance with specification requirements otherwise, an application rate of 1 litre/m<sup>2</sup> will result in a DFT of 0.55mm.

## 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.

## 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' Technical Services Department.

## SHELF LIFE

Shelf life is 12 months from date of manufacture when stored in undamaged, unopened packaging.

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### NOTE

Technical support, where provided, does not constitute supervisory responsibility. For additional information contact your local MB Construction Chemicals Solutions South Africa (Pty) Ltd representative. MB Construction Chemicals Solutions South Africa (Pty) Ltd shall not be liable for technical advice provided.

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\* Properties listed are based on laboratory controlled tests.

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