

MasterSeal[®] 561

Flexible mastic system for under tile waterproofing in bathrooms and wet-areas

DESCRIPTION

MasterSeal 561 is a single component polymer mastic system that requires only on site stirring to form the ideal coating for waterproofing wet areas like showers, bathrooms and under ceramic coverings. Simply applied by stiff brush, roller, or trowel, it forms a waterproof, flexible protective coating.

RECOMMENDED USES

MasterSeal 561 is ideal:

- For indoor walls and floors
- For wet areas not subjected to hydrostatic pressure such as bathrooms, showers & kitchens in residential and commercial buildings
- On moisture-sensitive absorbent substrates, e.g. plasters, plaster slabs, gypsum fiber boards, plaster boards, wooden chipboards, anhydrite screeds in moist and wet areas subject to usual domestic use.
- On absorbent mineral substrates, e.g. concrete, screed, render, aerated concrete, cementitious levelling compounds for walls and self levelling compounds.

FEATURES AND BENEFITS

- **Waterproof** - Protects moisture-sensitive substrates like anhydrite screeds
- **Flexible** - Compensates deformations of the substrate due to variations in temperature and vibrations.
- **Crack-bridging** – Not affected with subsequent cracks formed in the substrate.
- **Ready to use** – No complex mixing leading to faster application
- **Easy to apply** – No special tools. Applied by roller, brush or trowel.
- **Solvent-free** – Environment friendly, can be used without any risk to health

PERFORMANCE DATA

Mixed Density (g/cc) @ 25°C	1.4 -1.6
Ready for Tiling @25°C & 50% RH)	2 Hours
Adhesion (ASTM D 4541)	> 1.0 MPa
Surface dry @ 25°C	60 min

PROPERTIES

Supply Form	Mastic
Colour	White
Application Temperature	+5°C to +35°C
Substrate	

APPLICATION

Surface preparation

The substrate must be sound, dry, clean and free from oil, grease and other residues which should be removed by sand-blasting, wire brushing or shot – blasting if necessary. The practically smooth surface must not have any honeycombs, gaping cracks or ridges. Prime gypsum-based substrates and plaster boards beforehand with undiluted **MasterSeal 399**. Absorbent mineral substrates should be primed with **MasterSeal 399**, diluted 1:1 with water. The primers must have cured prior to the application of **MasterSeal 561**.

Apply undiluted **MasterSeal 561** by roller (lambskin roller), brush (wall brush, float), or trowel to the substrate to cover the entire area. A minimum of two coats is required.

Place **PCI Pectape** over pipe culverts and floor drains, **PCI Pectape 120** or **MasterSeal 928** in corner joints and floor/wall junctions to be pressed in the first coat of **MasterSeal 561**. Any projecting edges of the fabric are covered by the second coat.

Any further coat is applied when the first coat is dry. The second coat shall be applied at right angles to the first coat. After curing tiles can be laid with **MasterTile** range of tile adhesives on vertical and horizontal areas. Calibrated natural stone should be laid with **PCI Carraflex**.

MasterSeal 561 is not recommended for outdoor use and waterproofing in swimming pools. For these purposes use the crack-bridging waterproofing slurry **MasterSeal 540**

Do not apply **MasterSeal 561** at substrate temperatures below + 5°C and above 25°C.

The coating can be exposed to foot traffic after 2 hours at the earliest when applied two coats.

The waterproofing collar **PCI Pectape 10X10** should waterproof around the pipe (not around the plug which will be removed later), otherwise the pipe must be extended beyond the waterproof area by inserting a spacer.

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Tools should be washed with water immediately after use. Once the product has cured it can only be removed by mechanical means.

ESTIMATING DATA

Each square metre will require minimum of 1 Kg of material per layer. The coverage rate for each layer will be strongly influenced by the roughness of the substrate. For estimating purpose consider a consumption of 2 kg/m² in two coats to achieve 1 mm thickness.

PACKAGING

MasterSeal 561 is available in 8 Kg pail.

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.

Shelf life is 12 months when stored as recommended.

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

PRECAUTIONS

For detailed Environmental, Health and Safety information, please consult and follow all instructions on the product Material Safety Data Sheet. Contact your local Master Builders Solutions office for the latest version.

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

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