



DIAMOND PAINT MFG. CO. LTD.
TECHNICAL DATA
DIAMOND LVM - DAMP PROOFER

GENERIC TYPE:

Styrene Acrylic

PRODUCT DESCRIPTION:

Diamond LVM Damp Proofer is a one pack, non-toxic flexible solution for a wide range of waterproofing, and vapour-proofing applications.

ADVANTAGES:

Flexible and elastic membrane
Water based compound that can be applied to damp surfaces.
Tough abrasion - resistant coating.
Low water vapour permeability.
Non-staining.
Ultraviolet resistant.
Bonds well to many surfaces.
Can be applied by brush, roller or spray.
Quick drying. Typically dry to the touch in one hour.
Low odour.
Alkali resistant, can be applied to alkaline surfaces.

RECOMMENDED USES:

Floors - Typical applications use

beneath self levelling floor products or above trowelable under layments where the original membrane have been punctured.

Basements - Diamond LVM membrane can be used as part of a waterproofing system below ground level.

Walls - Diamond LVM membrane has good adhesion to many types of surfaces.

Roofs - Diamond LVM membrane can be used as the principal waterproofing coating or as part of a repair system.

Tiles - Diamond LVM membrane can be used as secondary barriers under tiles in wet areas such as balconies.

Tanks - Diamond LVM membrane performs well in tanks even when immersed in water.

Coverage - A minimum dried coating thickness of 0.6 mm is needed to provide a vapour barrier. This should be applied in a minimum of two coats.

Application:

Newly prepared surfaces should be smooth and have a trowelled or brush finish. Any masonry should be flush pointed. Defects in existing surfaces should be repaired.

The surface needs to be clean and free of dust, loose material, and free surface water. The membrane should not be applied under wet conditions or where these conditions are likely to occur before the membrane has fully dried.

It is sometimes advantageous to pre-wet the substrate so it is damp, yet free of standing water to improve adhesion of the liquid membrane.

Check adhesion to various surfaces by applying the product to a small sample area before starting any job.

APPLICATION EQUIPMENT

Diamond LVM Damp Proofer membrane may be applied by brush, roller or airless spray. If necessary the compound may be diluted with water. However, care should be taken to ensure correct dry coat thickness is applied and that the drying time is not unacceptably extended by dilution.

WARRANTY

The information herein is general information designed to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers.

NB. For the final dried membrane thickness to be 0.6 mm the wet membrane thickness should be 1.1 mm. This is equivalent to an application rate of 1.1litres/m².

We require customers to inspect and test our products before use and to satisfy themselves as to contents and suitability for their specific applications. We warrant that our products will meet our written specifications. Nothing herein shall constitute any other warranty express or applied including any warranty of merchantability or fitness for a particular purpose.

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