

WATERGUARD PU MEMBRANE DATASHEET:

Specification

WATERGUARD PU MEMBRANE From **DIMAPCHEM** is a polyurethane based elastomeric coating which forms a tough elastomeric membrane on curing, supplied in 20 kg. pail having a coverage of 1.2 kg/m² used strictly in accordance with the instructions on the datasheet.

Application:

The product requires thorough mixing (for at least 3 - 5 minutes) with a mechanical drill (300-400 rpm) fitted with a proprior paddle prior to application so that a homogenous mix is achieved. Application should commence as soon as product mixing is completed. Apply the coating @ 1.2 kg/m²/coat to achieve a dry film thickness of 1000 microns. The coating can be applied in either one or two coats. If applying in two coats ensure that the second coat is applied only after the first coat has become tack free. The second coat is recommended to be applied in the opposite direction to the first coat as this will allow the polyurethane in the mix to be distributed more uniformly. The coating will achieve its full mechanical properties after a period of 7 days.

Cleaning:

Clean all the tools with water after use. Hardened materials can be removed mechanically. Allow the waste to cure. Seal into a suitable container and bury in landfill. Use licensed waste disposal contractor and consult the local authorities when disposing.

Packing & Coverage

WATERGUARD PU MEMBRANE is supplied in 20 kg Pail.

WATERGUARD PU MEMBRANE has a coverage of 1.2 kg/m² for 1000 microns DFT.

WATERGUARD PU MEMBRANE PRIMER has a coverage of 5 m²/kg.

NOTE: Theoretical coverage only applies to a smooth, non-porous substrate. When estimating quantity take off, it is normal practice to add 10-15% to the initial estimate to account for wastage and surface irregularity.

Shelf Life & Storage

WATERGUARD PU MEMBRANE will have a shelf life of 12 months in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C.

Storage at higher temperature or high humidity may reduce shelf life.

Health & Safety

Always use protective clothing, eye goggles and rubber hand-gloves when handling this product. Avoid contact with skin or eyes. If spilled on the skin, wash immediately with soap and plenty of water. Accidental splashes on the eyes should be immediately cleansed with water and medical attention sought.