

Technical Datasheet
Solvent Free Damp Proof Membrane

PUMAPRIME D.P.M.

DESCRIPTION

Pumaprime D.P.M is a two component, solvent free damp proof membrane designed for use as a coating over cementitious surfaces which possess high levels of residual moisture. Additionally, Resdev D.P.M may be employed over cementitious surfaces which have not been protected by an underlying moisture barrier. This practice should only be adopted subject to a survey confirming adequate underlying ground stability.

COMPOSITION

Non pigmented epoxy/amine resin system.

APPEARANCE

Full gloss film, tinted yellow.

DURABILITY

Excellent long term hydrolytic stability when used as a moisture repellent membrane/coating. Good resistances to general chemical contact.

THICKNESS

As a two coat system – 480-500 microns composite build.

TYPICAL INSTALLATIONS

An effective moisture suppressant membrane for oversealing cementitious surfaces which contain high levels of residual moisture. Permits early overlaying with vinyls, carpets and resin based products without the conventional “drying out” period being observed. Also suitable as an overlay D.P.M to cementitious surfaces which were laid without underlying D.P.M.

SUBSTRATES

All common cementitious based floor compositions.

SURFACE PREPARATION

To be assured of maximum adhesion and properties from Resdev resin products, the correct surface preparation is essential. Please refer to technical data sheet “Surface Preparation” reference TD102.

MIXING

Thoroughly drain contents of hardener bucket into resin container and mix thoroughly for a minimum of 3 minutes or until a homogeneous mix is obtained, Pay special attention to scrape sides and base of container.

APPLICATION TECHNIQUES

Apply by soft bristle brush or medium length lambswool roller.

COVERAGE RATES

250-260g/m² or 19-20m²/5kg at 240-250 microns/per coat.
*Coverage rates and related film build, will in practice, depend upon the porosity and profile of the floor surface being treated.

SPECIFICATION DETAIL

Two coats of 240 microns per coat.
16-18 hours between coats.
Second coat to be applied at right angles to first.

CURE SCHEDULE

Tack free time @ 20° C	-	6-8 hours
Minimum time to overcoat @ 20° C	-	16 hours
Maximum time to overcoat @ 20° C	-	48 hours
Pot life of full unit mix @ 20° C	-	40 minutes

CHEMICAL RESISTANCE

Good resistances to general chemical contact.
Excellent stability under water/saline immersion

TECHNICAL DATA

Water vapour permeability to A.S.T.M.	-	2.6/m ² /mm/day
Service temperature	-	minus 20°C-60°C
Lap shear bond strength to A.S.T.M.	-	16-18N/mm
Direct pull from concrete adhesion (Elcometer)-	-	9-11N/mm

HEALTH AND SAFETY

Please read technical data sheet reference TD103 and specific health and safety data for this product provided in compliance with the requirements of EC Directive 91/155.

STORAGE, MIXING & APPLICATION

The storage, mixing and application conditions can affect and specific health and safety data for this product provided in compliance with the requirements of EC Directive 91/155.

TECHNICAL ADVICE

For further information on this or any other Resdev product, please contact our Customer Care Department on 01422 379131.