

## SOLVENT FREE DAMP PROOF MEMBRANE

### DESCRIPTION

Q/Prime 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, Quattro 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 resistance to general chemical contact.

### THICKNESS

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

### TYPICAL INSTALLATIONS

An effective moisture suppressant membrane for sealing over 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 a D.P.M.

### SUBSTRATES

All common cementitious based floor compositions.

### SURFACE PREPARATION

To be assured of maximum adhesion and properties from Quattro resin products, the correct surface preparation is essential.

### APPLICATION CONDITIONS

10 – 40 Deg C Remove water and dry off to ensure no visible wet areas.

### MIXING

Fully drain contents of hardener bucket into resin container and mix thoroughly for a minimum of 3 minutes or until even mix is obtained. Pay special attention to scrape side and base of container.

### APPLICATION TECHNIQUE

Apply by soft bristle brush or medium pile lambswool roller.

### COVERAGE RATES

250 – 260 / m<sup>2</sup> OR 19 – 20m<sup>2</sup>/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 Deg C            | 6 – 8 hours |
| Minimum time to overcoat @ 20 Deg C  | 16 hours    |
| Maximum time to overcoat @ 20 Deg C  | 48 hours    |
| Pot life of full unit mix @ 20 Deg C | 40 minutes  |

### TECHNICAL DATA

|  |                             |
|--|-----------------------------|
| Water vapour permeability to A.S.T.M.          | 2.0G/m <sup>2</sup> /mm/day |
| Service temperature                            | minus 20 DEG C – 60 DEG C   |
| Lap shear bond strength to A.S.T.M.            | 16 – 18N / mm               |
| Direct pull from concrete adhesion (elcometer) | 9 – 11N / mm                |

### CHEMICAL RESISTANCE

Good resistance to general chemical spillage. Excellent stability under water / saline immersion.

### HEALTH AND SAFETY

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

### STORAGE, MIXING AND APPLICATION