Mapei Waterproofing Systems

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1 Specification Details

Trade Sections: Waterproofing
Description:
Keywords: Waterproofing, Mapei Waterproofing Systems, damp proof membrane, DPM, damp-proof membrane, liquid-applied waterproofing membrane, liquid applied waterproofing membrane, flexible sealant, Adesoguard, below-ground DPM, below ground DPM, under slab DPM, under-slab DPM, below ground waterproofing membranes, below-ground waterproofing membranes, Mapegum WPS, interior liquid-applied waterproofing membrane, Mapelastic AquaDefense, interior/exterior liquid-applied waterproofing membrane, Mapeplastic Smart, interior/exterior cementitious waterproof coating, Mapefloor PU 400, waterproof polyurethane coating, Mapefloor PU 410, Mapefloor Finish 451, Mapenet 150, fibreglass mesh, Mapetex Sel, non-woven polypropylene fabric, Mapeband, Mapeband and Adesilex PG4 Epoxy Adhesive, Mapeband PE 120, Mapeband TPE, Mapeband SA, Mapesil AC, flexible sealant, tile sealant, silicone sealant, waterproof sealant, tiling sealant, waterproofing sealant, Mapeflex PU45, polyurethane sealant, adhesive sealant, rapid hardening sealant,

2 Clauses

2.1 Scope

Help Note:
Clauses for Waterproofing Systems are listed according to Applications for:
Interior Wet-Area Waterproofing Membrane
Exterior Waterproofing Membrane
Continuously-Immersed Waterproofing Membrane
System Accessories (for membranes)
Flexible Sealant,

- accordingly, select the required Mapei waterproofing products according to their Application.

For technical information on products to attach to this project, please visit productspec.co.nz/en/supplier/mapei%20nz%20ltd.

2.1.1 Scope

Supply and install the specified Waterproofing Systems from Mapei to the locations identified on the drawings, complete with accessories. All aspects of this work shall be in complete accordance with Mapei product technical literature (check www.mapei.co.nz, or call 09 921 1994 for the latest editions), associated Mapei BRANZ Appraisals, other relevant product manufacturers' recommendations, and as shown the drawings.

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No substitutions are permitted for the specified Waterproofing Systems from Mapei.

2.2 Interior Wet-Area Waterproofing Membrane

Help Note:
For further product information and technical advice contact Mapei NZ on 09 9211994, or email enquiries@mapei.co.nz.

2.2.1 Mapelastic AquaDefense

Mapei Mapelastic AquaDefense. A ready-to-use, ultra- quick drying, flexible liquid membrane for internal waterproofing applications.

Where to use:
To form waterproofing layers before applying ceramic, stone and mosaic coatings in:
- bathrooms and shower cubicles;
- laundry rooms;
- saunas and damp interior environments in general.

Mapelastic AquaDefense may be applied on:
- concrete;
- cementitious screeds and screeds made using special binders (Topcem or Mapecem);
- H3 treated plywood (internal applications only);
- plasterboard (internal applications only);
- existing coatings in ceramic, terrazzo and stone;
- cementitious render.

Technical characteristics:
- Mapelastic AquaDefense is a totally solvent-free, ready-to-use ultra-quick drying, one-component light blue synthetic resin based paste in water dispersion.
- Mapelastic AquaDefense is easy to apply using a long-haired roller, brush or trowel on horizontal, sloping and vertical surfaces.
- Mapelastic AquaDefense is resistant to water, lime-water (ph >12), water containing chlorine and detergents commonly used for cleaning residential environments.

Recommendations:
- Do not apply Mapelastic AquaDefense if the temperature is lower than +5°C.
- Mapelastic AquaDefense must always be covered with ceramic, mosaic or stone.

Application of the product:
- Mapelastic AquaDefense must be applied in two even, coats (approx. 0.4 mm per coat) with a long-haired roller, brush or trowel.
- Wait until the first coat is dry, making sure the product becomes darker with a matt finish, before applying the second coat diagonally to the first (approximately 1 hour at +23°C and 50% relative humidity of the air and with substrates having residual humidity lower than 3%).
- The final thickness of the two coats of Mapelastic AquaDefense must be at least 0.8 mm in order to create a robust, flexible and continuous film.
- If Mapelastic AquaDefense is applied to form an anti-fracture membrane on cracked substrates,