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TB 090 ROBERTS FLEXISCREED 38 LEVELING COMPOUND APPLICATION TO WET SEAL ENVIRO COAT IS 511 WATERPROOFING MEMBRANE

Date: 20/9/2013**Customer****Wet seal****PO Box 481****Coffs Harbour NSW 2450**

RLA Specification: Flexiscreed 38 levelling Recommendation

RLA recommends that the Enviro Coat IS 511 – Membrane should be installed according to the manufacturers specifications. Allow Enviro coat IS 511 to cure. Roberts Flexiscreed 38 can be applied successfully on top of the Enviro Coat IS 511 waterproofing membrane for levelling purposes if the following is abided by.

Ensure that the correct application and required thickness of the Enviro Coat IS 511 membrane is applied to the substrate and allowed to cure for at least 48 hours. Enviro coat IS 511 must be cleaned and dried to an acceptable standard to allow the levelling compound to adhere sufficiently to the membrane.

RLA Polymers will not be held responsible for any failures that may occur due to unsatisfactory preparation or cleanliness of substrate.

After applying Flexiscreed 38 to the sub floor treated with Enviro Coat IS 511, ensure all newly levelled areas are left to cure for a minimum of 24 hours at 20 degrees. Do not disturb newly laid Levelling compound before specified curing time has lapsed as this will affect the final finish of Flexiscreed 38.

1. Levelling Application

Once the surface has been prepared in accordance with Wet Seal and RLA Polymers recommendations, then apply Flexiscreed 38 onto the Enviro Coat IS 511 membrane. RLA only recommends the use of Roberts Flexiscreed 38 as the levelling system for this particular application. The mixing ratio is 20kg of Flexiscreed 38 powder (Part A) mixed with Flexiscreed 38 Liquid (Part B) a specially formulated Emulsion liquid designed to be incorporated only with Flexiscreed 38 Powder component.

Apply the mixed levelling compound to the waterproofed substrate using a screed bar or trowel to give the required thickness. Minimum thickness over Enviro coat IS 511 should be 3mm and maximum thickness applied in any one application should be limited to 10mm.





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Flexiscreed 38 partially self smooths itself in the first 10 minutes. Do not attempt to re-work material after 10 minutes.

Roberts Flexiscreed 38 must be fully covered with either a waterproofing membrane or a soft / hard floorcovering, such as Vinyl or Porcelain/ceramic tiles.
Do not leave Roberts Flexiscreed 38 exposed.

Sub floor must be free of oil, grease, wax, curing compounds, dust, old adhesive and any other contaminations which may inhibit bond of either the Enviro coat IS 511 or Roberts Flexiscreed 38.

Concrete floors must be dry in accordance with AS 1884-2012 and RLA Polymers Instructions.

Roberts Flexiscreed 38 is a partially self-smoothing cementitious underlayment when installed 3 mm or above. It is specifically formulated for preparation of sub floors prior to the laying of vinyl, carpet and tile floor coverings where some degree of flexibility is required, e.g. wooden floors. The specially selected cements and polymers contained in Flexiscreed 38 produces an underlayment with exceptional adhesion to most prepared flooring materials.

Where temperatures are less than 5 degrees or greater than 35 degrees are encountered, contact manufacturer for specific advice before commencing any works.

2. Expansion Joints

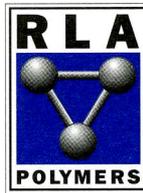
Expansion / movement joints must be provided to allow for movement as follows:

- Over existing joints in the substrate.
- Where 2 different substrates meet E.g. Timber and concrete.
- Around fixed elements in the floor e.g. Columns.
- At internal vertical corners.
- Around the perimeter of the floor.
- In internal floors where any dimension exceeds 9m or 6m if subjected to sunlight.
- In External Floors where any dimension exceeds 4.5m.
- Movement joints should go right through the levelling compound to the background and kept free from dirt and other contaminates droppings. Movement joints must not be less than 6mm nor greater than 10mm. All expansion joints must be filled with a flexible sealant.

3. Clean Up / Shelf Life

Excess Flexiscreed 38 Levelling compound can be cleaned up using water while they are still wet. All RLA products mentioned in this specification have a 12 month shelf life as long as they are stored in a cool, dry, environment.





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4. Guarantee

All RLA Products are guaranteed for a period of 10 years as long as RLA specifications / instructions are strictly adhered to.

Regards,

Ahmed Abdul-wahab
RLA Polymers
Business Development Manager
CTA

