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RANGE OF
PRODUCTS
AND
SOLUTIONS



Concrete Admixtures



Surface Treatments



Grouts & Anchors



Concrete Repairs



Industrial Floorings



Protective Coatings



Joint Sealants



Waterproofing



Adhesives



Cement Grinding Aids

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A new cooling experience

Thermal insulation coating
on roof slabs and walls



Polymer based solar reflective and
insulating coating

Brushbond Coolcoat



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DESCRIPTION

Brushbond Coolcoat is a water-based white coloured emulsion comprising of polymers and specially designed hollow "microspheres", less than 100 microns in diameter with non conductive properties. These microspheres collectively acts as a thermal insulation blanket covering the structure effectively reflecting solar radiation back into the atmosphere. This results in impressive temperature reduction behind the substrate.

ADVANTAGES



Excellent adhesion to most building substrates



Light weight, yet effective



UV Resistant



Single component – easy to apply

APPLICATIONS



External Walls



Roof Slabs



Cold storage facilities

COVERAGE

- Coverage 2.5 – 3 m²/2 coats/litre after dilution

SHELF LIFE

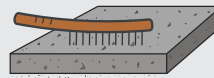
- 12 months from the date of manufacture

PACKAGING

- 1 L, 4 L & 20 L packs

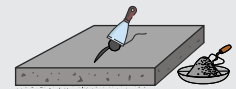
APPLICATION INSTRUCTIONS

1 SURFACE PREPARATION



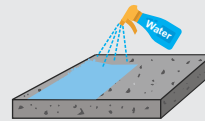
Clean the surface using a wire brush to remove all the dust and loose particles

2 CRACK TREATMENT



Cracks, if any, can be mechanically cut and fill with Renderoc CS, cementitious crack sealer

3 PRE-DAMPENING



Pre-dampen the surface with water to achieve SSD condition

4 MIXING



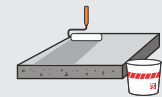
Add 800 ml of clean water for 4 Litres of Brushbond Coolcoat and mix with paddle mixer for 2 to 4 minutes

5 APPLICATION



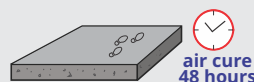
Apply 1st coat of mixed material using a brush/roller or by a suitable spray equipment. Allow the surface to dry for atleast 2-3 hours before applying the second coat

6 APPLICATION



Apply the second coat of mixed materials once the first coat has reached touch dry.

7 FOOT TRAFFIC



Coating is air cured for 48 hours before allowing foot traffic

Note: For highly porous substrate apply a slurry coat of Nitobond SBR mixed with water and cement in the ratio of 1: 1:3