



Block A550 Boscoseal RC2

FLEXIBLE ACRYLIC WATERPROOFING MEMBRANE

TECHNICAL SHEET 30/01/2023

SMART ADVANTAGES

- Water based, environmentally friendly
- Ability to bridge cracks
- Can be tiled over successfully
- Protect concrete against carbonation and attack from pollutants
- Foot trafficable
- Compatible with most materials like Bitumen and Polyurethane products
- Prevent corrosion of metals
- Withstand strong ultraviolet rays
- Remain flexible over wide range of substrates

DESCRIPTION

Block A550 Boscoseal RC2 is a single component acrylic flexible waterproofing coating that cures into a tough elastic waterproofing film.

FUNCTIONAL CHARACTERISTICS

- Block A550 Boscoseal RC2 is design as exposed waterproofing membrane to flat and pitched roof for residential & commercial structures, to terminate around pipes, conducts and for continuity of sheet membranes onto parapet walls etc.
- Design to prevent water seepage on external walls, metal roof and gutters and roof tiles
- As reflective top coat on compatible exposed roofing materials
- Suitable for old and new structure re-roofing
- Bond well to various type of substrate: concrete, cement sand backings, steel, metal, timber and brick

COVERAGE

0.5kg/m² X 3 coats

Note : For the whole system required, layer or number of coating is only for reference, and subject to substrate condition. Therefore to achieve accuracy and reliable results, it should follow the consumption usage as per recommendation.



TECHNICAL CHARACTERISTICS

Typical properties conducted at 23°C and 50% RH

Colour	White, Grey, Green, Crayon
Resin	Acrylic polymer
Density	1.25 kg/L
Solid Content	60% by weight
Tensile strength (ASTM D412)	>1.0 MPa
Elongation (ASTM D412)	>250%
Adhesion strength (ASTM D7234)	>2.5 N/mm ²
Shore A Hardness (ASTM D2240)	>60
UV exposure (2000h)	No colour change No cracks
Drying time	24 hours depending on temperature and humidity
Application temperature	-10°C to 50°C

APPLICATION

SUBSTRATE PREPARATION

- All substrates shall be sound and free from dust, excess mortar, oil or other loose particles.
- Crack or honeycombs shall be repaired using suitable non-shrink filler.
- Old bitumen joints, grease and oil contaminants shall be thoroughly removed and joints filled with non-shrink cement mortar or approve sealant.
- Existing surface must be thoroughly cleaned before applying Block A550 Boscoseal RC2 waterproofing.
- New concrete must be cured for 28 days, while mortar beds and cement render must be cured for 7 days.
- Do not apply over concrete slab containing high moisture content.

PRIMING

- All substrates must be primed. Prime substrate with Mix X530 Hydroment 425 at the rate of 5-8m²/L depend on substrate condition, prior to Block A550 Boscoseal RC2 application.
- Porous surface consult Bostik Technical for advice.
- Priming is required when the paint work is weak on the metal roof. Apply anti-rust primer as a primer coat.
- On the external walls, prime substrate with Mix X530 Hydroment 425.

MIXING

Stir product to an even smooth consistency before use.

PLACING

- The Block A550 Boscoseal RC2 can be applied using brush or roller at the rate of 0.5kg/m². The application shall be done in a minimum of three layers. The first layer in one direction and the second layer in a direction perpendicular to the first layer. Apply the same for the subsequent layers. Leave each layer to set between 2 to 4 hours before applying the subsequent layer.
- For the concrete flat waterproofing, apply a neat layer of Block A550 Boscoseal RC2 onto the prepared surface at a rate of 0.5kg/m² per layer. Apply a minimum of three layers.
- For a large roof areas, a fabric mesh reinforcement may bedded between the 1st and 2nd layer of Block A550 Boscoseal RC2 to help to control the film thickness and to increase the tensile strength. Apply final coat to achieve the film and colour consistency.

CURING

The Block A550 Boscoseal RC2 drying time is 24 hours depending on the surrounding temperature and humidity.

CLEANING

All brushes, rollers, trays, buckets and surrounding shall be clean with water before the product sets.

STORAGE

Block A550 Boscoseal RC2 has a shelf life of 12 months. Store all materials in a cool, dry place and in an elevated condition.

PACKAGING

Block A550 Boscoseal RC2 comes in 5kg, 20kg and 25kg plastic pail container.

HEALTH AND SAFETY

Block A550 Boscoseal RC2 is non-toxic. For personal precautions, protective gloves should be worn when handling the product.

For more detailed information refer to Safety Data Sheet.

The application recommendations are defined by standards of use. They are imperative to respect them, but they don't need a previous try, especially for the first use or particular inconvenient of support, site or environment. Consult our safety data sheet for precautions to use.



032-091-0800
Environmentally preferred coating

DISCLAIMER

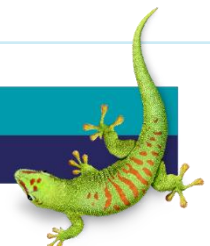
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