

BONDROOF (Acrylic Waterproof Coating)

Page 1 / 2.

DESCRIPTION

BONDROOF is a high build acrylic polymer based elastomeric coating. The dry film of BONDROOF possesses superior physical properties. The dry membrane is water tight, seamless, durable, tough and highly flexible, with long term weather resistance, particularly suitable for waterproofing of roofs, wet areas such as kitchens, bathrooms etc. BONDROOF utilizes the latest in acrylic polymerization technology to perform UV resistant and 'breathable' vapour barrier membrane with excellent durability in harsh/hot Middle East climatic conditions. BONDROOF coating is safe for pedestrian traffic and available in multiple colours.

APPLICATION

BONDROOF is used as a liquid waterproof membrane. The product is especially developed for giving an elastomeric, monolithic seal, covering uniformly uneven profiles and protection of the substrate. BONDROOF provides protection against weathering, ageing and ultraviolet radiation.

ADVANTAGES

1. Single component ready to use.
2. High resistance to carbon dioxide diffusion.
3. Excellent anti - carbonation protection.
4. Excellent flexibility allows hairline cracks in the substrate to be bridged over.
5. Permanently flexible and UV resistant.
6. Formulated to withstand harsh Middle East climate.
7. Protects and waterproofs various substrates.
8. Fluid consistency, easily applied by brush, roller or trowel.
9. Available in different colours.
10. Water vapour permeability allows substrate to breathe.
11. Non flammable and non hazardous.
12. Withstands temperature from -5°C to 100°C

PRECAUTIONS

In case of expected rain, do not apply BONDROOF.

SURFACE PREPARATION

Surface should be clean, dry and free from oil, grease, curing compound, any loose materials and foreign particles. The substrate should be firm, in case of gaps and cracks, fill with suitable sealant and ensure surface is even. If the substrate is porous, it is recommended to prime the substrate diluted in ratio of one part of BONDROOF and three parts of water. Mix to a homogeneous liquid and apply by brush/roller.

MIXING

Before use, stir well. Apply the material on the surface using brush / roller or spray. A second coat is applied at right angle after the first coat is dry. It is recommended to apply two coats of BONDROOF to get a dry film thickness of 2.5 mm (approx). Embed glass fiber mesh around pipes and over cracks.

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BONDROOF (Acrylic Waterproof Coating)

Page 2 / 2.

TYPICAL PROPERTIES

Appearance	Thixotropic
Specific gravity	1.30 +/- 0.05
Solid content	60% minimum.
pH	8 to 9.5
Elongation at break	> 300 %
Tensile strength	> 1.0 N/mm ²
Drying time (depending upon site condition)	2 to 6 hours approx per coat.
Full curing (two coats)	24 hours approximately.

COVERAGE

Approximately 2 kgs / m² / coat.

LIMITATIONS

- BONDROOF is suitable for light foot traffic, however in case of areas subject to heavy traffic, it should have some protection.
- Do not use BONDROOF in areas that will be constantly underwater.

PACKING

BONDROOF is available in 20 kg pails.

STORAGE

Store the pail of BONDROOF in cool and dry place away from direct sunlight and heat. Container must be tightly closed to prevent formation of skin on the surface of the material. The shelf life of this product is six months from the date of manufacturing provided it is stored in unopened factory packed drums.

HEALTH & SAFETY

Use normal safety precautions. Ensure the area is well ventilated, wear protective gear such as rubber hand gloves, safety goggles etc. Avoid contact with eyes. In case of accidental contact with eyes, flush with plenty of water and seek medical advice.

General Note :

This leaflet is a guide for the use of the product concerned. Whilst the information and / or specification given are to the best of our knowledge true, accurate and in accordance with latest technical developments, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use, method of application and any labour involved are beyond our control.

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