

ASCOCRETE II

2 - PART, CEMENT-BASED BRUSHABLE
WATERPROOFING COATING

ASCOCRETE II is a two part acrylic modified cementitious coating, mixed at site for easy application. It dries to a tough flexible layer of modified cement with an excellent waterproofing properties. Recommended for Internal and external structural waterproofing of concrete and plaster substrates. ASCOCRETE II can be applied by roller or brush on horizontal and vertical surface.

RECOMMENDED APPLICATIONS

- It can also be used for waterproofing of basements, internally or externally, against humidity or water under pressure.
- It is used for waterproofing surfaces made of concrete, plaster, bricks, cement-blocks, mosaic, gypsum boards, wood, metal etc.
- Ideal in cases where high elasticity and good adhesion of the waterproofing layer is required.
- Suitable for waterproofing of substrates that suffer from contraction and expansion or vibration and show, or are expected to show capillary cracks, such as terraces, balconies, water tanks, swimming pools, inverted roofs etc.

KEY FEATURES & BENEFITS



Applied simply and quickly in three or more layers.



It has a good adhesion on cement surfaces.



Crack-bridging ability.



Suitable with variety of substrates.



Bonding to slightly wet surfaces without priming.



Protects constructions from the corrosive effects of humidity.

COVERAGE

1.5 - 3 kg/m² @ 1 to 2 mm thickness depending on the roughness and the demands of the surface.

3 - 5 kg/m² @ 2 to 2.5 mm thickness with use of ASCOGLASS FR for high hydrostatic pressures.

PACKING

Combined 20 Kg package (15 Kg polymerized cementitious powder + 5 Kg acrylic polymer dispersion), in grey colour.

SHELF LIFE

12 months from production date, if stored in original, unopened packaging in places protected from moisture, sun exposure and frost.



ascolite®
A Better Solution

TECHNICAL PROPERTIES

Form	: Part A is Polymerized Cementitious Powder Part B Acrylic Co-Polymer
Color	: Grey
Mixing Ratio	: 3 : 1 (PART A : PART B)
Pot Life	: 20 – 30 min
Mixing Time	: 3-5 min
Drying Time	: 45 min at 20 °C
Bulk Density	: 1.85 kg/ lit
Water Penetration (BS EN 12390)	: 4 bar pressure
Compressive Strength	: 15.00 N/mm ²
Tensile Strength (ASTM D 638)	: 3.50 N/mm ²
Adhesion Strength (ASTM D 4541)	: > 1.80 N/mm ²
Toxicity	: Non Toxic

SURFACE PREPARATION

- ASCOCRETE II can be applied on clean surfaces, free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.
- Water leaks should be plugged with ASCOGROUT.
- Any cavities in concrete surface should be filled in and smoothed out using (ASCOBOND 450/ASCOBOND AR 470 : WATER : CEMENT) in ratio of 1:1.5:3 as recommended. After all loose aggregate have been removed, the surface should be well moistened.
- Existing cracks or work joints are opened longwise in an inverse "V" shape in a depth of about 1-2 cm and are subsequently filled with ASCOFILL & ASCOBOND AR 470.
- Corners like the joint of floors with vertical walls should be filled in and rounded smooth with ASCOGROUT followed by ASCOSEAL TAPE ROLL (formation of a groove having a triangle cross-section with 5-6 cm sides).
- In case of masonry walls, joints should be first filled in carefully, otherwise it is recommended to apply a cement mortar layer first improved with ASCOLITE READY MIX MORTAR.
- For sealing of basements in old buildings, any existing wall plastering should be removed to a height of up to 50 cm above the water level and then should be proceeded as mentioned above.

APPLICATION METHOD

- ASCOCRETE II is the content of the 15 Kg bag (Part A) which is added to the 5 Kg of liquid (Part B) under continuous stirring, until a uniform viscous mixture is formed, suitable for brush application.
- The entire surface of the substrate should be dampened well, but without creating any water puddles.
- The material is applied by brush in 2 or more layers, depending on the water effect. Brushing in perpendicular directions i. e. If first coat is horizontal than second coat will be applied vertically.
- Each new coating is applied, after the previous one is slightly wet.

NOTES

- Freshly coated surfaces should be protected from high temperatures, rain and frost for at least 24 hours.
- For negative high pressures, it is recommended to use ASCOGLASS FR.
- For internal sealing on floorings, it is recommended that the final covering of the ASCOCRETE II be done with concrete, IPS or tiles.

SAFETY GUIDELINES



- Use protective items. Goggles, dust mask and gloves are recommended to protect eyes, skin and mouth.
- In case of accidental contact with eyes,, immediately wash them with plenty of water and seek medical advice.

PRECAUTIONS WHILE USING



- Use all the contents of container in one go otherwise material starts hardening in contact with air.
- For best result, mix the contents thoroughly covering bottom of the container before and during application.

*Technical & safety data sheets are available through company representative or on our website www.ascolite.in