

PRODUCT DESCRIPTION

ASCOFLEX® BITUCOAT is a single-component, cold-applied, synthetic latex-modified bitumen-based dampproofing membrane that provides long-term protection against water damage to mortar, concrete, render & screed. This hybrid latex compound is ideal for applications where heating bitumen is not preferred, also enhancing water resistance for walls, concrete & below-ground structures. Once dried, it forms black, water resistant & elastic membrane.

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5 & 20 Kg

KEY FEATURES

- SUPERIOR WATER RESISTANT COATING
- ROLLER COATING
- ALKALI & SOIL CHEMICAL RESISTANT
- EFFLORESCENCE RESISTANT
- DURABLE & CRACK RESISTANT
- ECONOMICAL
- COLD APPLIED
- EASY TO APPLY

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Renders & Screeds), Wood, Metals, Composite Wall & Asbestos.

SUITABLE PRIMER:

- Self Priming 1:1 (Ascoflex Bitucoat : Water)

TECHNICAL PROPERTIES



(IS 101, 516 - 2018 , ASTM D 1644, D 412 TYPE C, D 4541 D 7234)

| PROPERTIES | TYPICAL VALUES |
|----------------------------|--|
| Appearance | Dark brownish-black viscous liquid that turns black after drying |
| Base | Synthetic resin & rubber based hybrid bitumen emulsion |
| Density | 1.20 ± 0.05 g/cc |
| pH | 9 ± 1 |
| Solid Content | 38 ± 2% |
| DFT | 250 ± 50 microns 550 ± 50 microns |
| Elongation | ≥ 300 % |
| Pull Off Adhesion Strength | ≥ 1.5 N / mm ² |
| Touch Dry Time | 60 ± 20 Minutes |
| Water penetration | Up to 3 bar @ 72 hours |
| Full Dry Time | 24 hours |
| Application Temperature | +5 to +55 °C |

COVERAGE

300 microns: 22-24 ft² / kg / 2 coats (for dampproof coating)
 600 microns: 11-13 ft² / kg / 2 coats (for waterproofing coating)*
 (*Theoretical Coverage may vary depending upon the texture and porosity of the surface)

APPLICATION COMPATIBILITY

APPLICATION AREAS: (Non - Exposed)

- **Moisture-Prone Areas:** Retaining Walls, Wet Sumps, Drains & Sunken Areas.
- **Rendering & Plastering Work:** Brick Walls, Residential & Industrial Structures.
- **Sandwich Layering:** Effective For Application On Existing Slabs.
- **Damp Proofing:** Roofs, Asbestos & Concrete Surfaces.
- **External Plastering:** Residential & Industrial Areas For Submerged Structures.

PACKAGING

- 5 & 20 kg

SHELF LIFE

- **ASCOFLEX BITUCOAT** should be protected from extreme temperature, frost and direct sunlight and the product has a minimum shelf life of 12 months.



HEALTH & SAFETY GUIDELINES

- **ASCOFLEX BITUCOAT** Spillages should be washed down immediately with cold water. Consult a physician urgently if swallowed. Food and drink must be kept outside the application areas. Must be stored away from children. For further information, refer to the MSDS.





DISCLAIMER:

While the technical details & recommendations contained in this document and the related details given by the representatives of the company correspond to the best of our knowledge & experience, all the above information must in any case be considered as merely indicative and subject to confirmation. Users are recommended to conduct a product suitability test before it is used at full scale. In any case, the consumer alone is entirely liable for any consequences resulting from using the product. For the most up-to-date TDS, please visit our website at www.ascolite.in. Our company policy is one of ongoing R&D; therefore, we reserve the right to update this information without prior notice at any time. As the correct identification of the problems, the quality of other materials used, on-site environmental conditions and the workmanship on-site are factors beyond our control, there is no express or implied guarantee/warranty as to the results achieved. The company assumes no liability or consequential damage arising from the use of our products for unsatisfactory results. Site visits are not a supervisory responsibility wherever provided. Suggestions made either verbally or in writing by the company may be followed, modified or rejected by the owner, engineer or contractor, since they are solely responsible for carrying out procedures appropriate to a specific application.