

TECHNICAL DATASHEET

ASCOFLEX BITUCOAT

COLD APPLIED BITUMEN BASED WATER PROOFING

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PRODUCT INTRODUCTION

ASCOFLEX BITUCOAT is single component cold applied water based bituminous waterproofing membrane which provides long term protection from water damage to mortar, concrete, render and screed. This product is modified synthetic bitumen emulsion based hybrid latex water proofing compound. It is suitable for all the applications where heating bitumen is not permitted for improving resistance to water leakage of concrete, wall, external rendering points and structures below ground level. On drying it forms black impermeable elastic waterproofing membrane. It is having no smell or vapor.

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KEY FEATURES

1. Cold applied and no heating required
2. Resistant to harsh weather condition
3. Non cracking and strong adhesion on concrete
4. Durable and resistant to saline atmosphere
5. Common industrial chemical vapor resistant
6. Seals efflorescence completely from damp areas
7. Eliminates dampness and patches from wet areas
8. Easy application by roller , brush etc. common tools
9. Corrosion resistant
10. Joint free and seamless application

RECOMMENDED APPLICATIONS

1. In rendering / plastering work on all the brick walls in residential and industrial structures
2. Wood, metal and various types of composite wall etc.
3. Sandwich layer application for existing slab
4. Damp proof treatment of roof asbestos and concrete
5. External plastering work in residential & industrial for submerged structures
6. Sunken areas, wet sumps, drains and terrace
7. Repair and maintenance work during waterproofing

TECHNICAL PROPERTIES

Appearance	Very dark brownish black pasty easy brush able liquid
Base	Synthetic resin based latex and bitumen emulsion hybrid
Specific Gravity (Kg./l)	1.02 ± 0.05
pH	8 ± 1
Pull Off Adhesion Test (N/mm²)	> 1.5 (7 days)
Water Permeability	Passes (3 bar ; 96 hours)
Touch Dry Time ; Full Setting Time (hour)	1 ; 24
Viscosity (cps) Brookfield LV Model	4500 ± 250

The values obtained are from laboratory testing conditions and at 27 ± 2°C . On site tests may show slight variation due to site conditions and / or methods of testing. Follow company TDS to obtain best results.

APPLICATION METHODS:

1. Surface Preparation

The surface of roof and that part of the parapet and gutters, drain mouths, etc. over which the waterproofing treatment is to be applied shall be cleaned of all foreign matter, namely, fungus, moss and dust, by wire brushing and dusting. Surface should be SSD condition.

2. Priming

ASCOFLEX BITUCOAT should be diluted (1:1) with water and applied single coat after thorough mixing.

ASCOFLEX BITUCOAT Primer can be applied by brush, roller or spray. Once primer is dry then the application of **ASCOFLEX BITUCOAT** is to be done.

3. Application

The application of **ASCOFLEX BITUCOAT** is to be done by brush , roller or spray. Once the first coat is dry then the second coat application is to be started.

The application can be done by 10% to 15% dilution with water for easy brush ability and desired coverage during application. Clean tools with water only.

4. Limitations

ASCOFLEX BITUCOAT is not recommended to apply on fully wet areas and also below + 5° deg. C and above + 50° deg. C. It is also not recommended for regular foot traffic areas.

5. Coverage

ASCOFLEX BITUCOAT primer can cover 125 to 130

sq. ft. per Kg on smooth surface. **ASCOFLEX BITUCOAT** can cover 20 sq. ft./Kg per coat (250 micron).

6. Packaging

500 ml. ; 1 litre, 5 litre and 20 liter

7. Health & Safety

All cautions and warnings on the product label should be followed. In case eyes or mouth are affected wash with plenty of clean water; Seek medical treatment immediately. Wear hand gloves, safety shoes and safety goggles while using and handling the product. Avoid inhaling.

8. Shelf Life

12 months from the date of production in unopened condition and kept in sealed condition away from direct heat , sunlight & external weather condition.

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.