

## TECHNICAL DATASHEET

# ASCOFLEX SUPER

Elastomeric Liquid applied damp proofing membrane



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## PRODUCT INTRODUCTION

ASCOFLEX SUPER is a thin, load bearing membrane composed of a modified synthetic elastomeric copolymer with excellent elongation properties and high strength. ASCOFLEX SUPER has long-lasting waterproofing and crack bridging characteristics. When ASCOFLEX SUPER is applied on substrate, it forms a 100 % waterproofing, permanent elastic, black seamless membrane without any joint or crack. The product has a dark bluish color but will turn into a black membrane when drying with anti-roots properties.

## KEY FEATURES

1. Excellent adhesion and highly flexible
2. Easy and economical application
3. It can be applied on interior and exterior areas
4. Crack bridging and breathing Type
5. Seamless flexible membrane with good breathability
6. Anti root properties with excellent durability

## RECOMMENDED APPLICATIONS

1. Waterproofing of podium, basement walls, slope/flat roofs
2. Waterproofing of balconies , terraces , bathroom , laundries , toilets and spas etc.
3. New & existing roofs & commercial box gutters
4. Ideal for all wet areas like swimming pool, showers, etc.
5. Waterproofing of wet-areas (under Tile)
6. Waterproofing and protection of concrete constructions , blocks , brick and renders etc.

## TECHNICAL PROPERTIES

Chemical Base	Styrene Acrylic Copolymer
pH	8 ± 1
Appearance/Color	Blue viscous liquid
Solid Content	> 55 %
Recommended dry thickness	0.6 mm (600 micron )
Recoating Time	Minimum 12 Hours
Surface Curing	8-12 Hours
Full Cure	7 days
Shore A Hardness	38 ± 5
% Elongation	≥ 400 %
Crack Bridging	2.0 mm
Tensile Strength	≥ 2.5 N/mm <sup>2</sup>
Adhesion to concrete	≥ 1.5 N/mm <sup>2</sup>

## APPLICATION METHODS:

### 1. Surface Preparation

The substrate must be clean, dry, sound and free of all contamination such as dirt, oil, grease, & coatings etc. which hinders adhesion.

Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed. Concrete must be allowed to cure for 28 days and cement render and cement screeds must be allowed to cure for 7 days prior to the application of ASCOFLEX SUPER.

### 2. Priming

Prime with ASCOBOND PRIME using by brush or roller. Allow Primer to reach a touch dry film prior to apply. Extremely porous surfaces may require second coating.

### 3. Coverage

Approx.  $1.2 \pm 0.1$  kg/m<sup>2</sup> per coat. This coverage is based on application by roller/brush onto a smooth surface in optimum conditions. Factors like surface porosity, temperature and application method can alter consumption.

### 4. Mixing

ASCOFLEX SUPER waterproofing membrane must be thoroughly mixed for 3 min in order to achieve a homogenous mix using a low speed electric stirrer (300 - 400 rpm) or other suitable equipment.

### 5. Application

ASCOFLEX SUPER is pre-mixed and ready to use. ASCOFLEX SUPER may be applied by brush or paint roller. Prior to applying to general surface area, pre-treat all cracks, joints, corners and coves first, by applying a generous coat of ASCOFLEX SUPER approximately 10 cm (4") to each side of joint or surface. Allow it to touch dry and then apply a second coat of ASCOFLEX SUPER to same area, again allow-

ing to dry. Once pre-treated areas are dry, apply a generous coat of ASCOFLEX SUPER to entire surface, included pre-treated cracks, joints, and coves, and allow to dry. DO NOT skimp on initial coat of ASCOFLEX SUPER. Allow it to touch dry before applying a final coat to entire surface. Final dry thickness of first and second coats should be a minimum of 0.5 – 0.75 mm. Inspect entire area and, if required, reapply on required areas, and allow it to dry.

### 6. Curing

Optimum performance level is reached after 24 hours of curing at 30°C.

### 7. Health and Safety Guidelines

1. Use protective items while using ASCOFLEX SUPER .
2. If it comes in contact with eyes, immediately wash eyes with plenty of water and seek medical advice.
3. Use of safety goggles, dust mask and gloves are recommended to protect eyes, skin and mouth while it is in use.

(Material Safety Data Sheets are available through company representative or ASCOLITE's website)

## 8. Packaging

Available in 5 Kg and 20 Kg pail & 50 Kg drum.

## 9. Shelf Life

6 months from the date of production if stored in original, unopened packaging & in places protected from moisture, sun exposure and frost.

### 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](http://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.*