

TECHNICAL DATASHEET

ASCOFLEX SUPER

Elastomeric Liquid Applied Damp Proofing Membrane



INDEX

RECOMMENDED APPLICATION	02
TECHNICAL DATA	02
PRODUCT KEY FEATURES	02
APPLICATION METHODS	03
SURFACE PREPARATION	03
PRIMING	03
COVERAGE	03
MIXING	03
APPLICATION	03
CURING	03
PACKAGING	03
SHELF LIFE	04

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 100% waterproofing, permanent elastic, black seamless membrane without any joint or crack. The product has a dark bluish color but turns into a black membrane when drying with anti-roots properties.

VERSION : 1 (JAN : 2023)

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, spas, etc.
3. New and existing roofs & commercial box gutters.
4. Ideal for all wet areas like swimming pool, showers, etc.
5. Waterproofing of wet-areas (under Tile).

TECHNICAL PROPERTIES (Complies to ASTM D 4541-17,412,C 836 & D 4587)

Appearance & Base	Viscous Liquid, Modified synthetic polymer latex
Color	Pre-application: Dark blue Post-application: Black
pH	8 ± 1
Solid Content	≥ 47 %
Recommended Thickness	600 micron (2 Coats)
Recoating Time	Minimum 12 Hours
Surface Curing	8-12 Hours
Full Cure	7 days
Shore A Hardness	38 ± 5
% Elongation	≥ 400 %
Crack Bridging	1.5 mm width
Tensile Strength	≥ 2.5 N/mm ²
Adhesion to Concrete	≥ 1.5 N/mm ²
Water Resistance	Up to 5 bar pressure

* 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/ application. Follow company TDS to obtain best results.

APPLICATION METHODS:

1. Surface Preparation

The substrate must be clean, dry, sound and free from dirt, oil, grease, coatings, etc. which hinders the adhesion. Weak concrete must be removed. Concrete should be allowed to cure for 28 days and cement renders & screeds should be allowed to cure for 7 days prior application of **ASCOFLEX SUPER**.

2. Priming

Prime with **ASCOPRIME SUPER** by brush or roller. Allow the primer to become dry before application. Extremely porous surface may require second coating.

3. Coverage

20-25 ft² / 2 Coats / Kg (do not dilute with water)

4. Mixing

ASCOFLEX SUPER waterproofing membrane should be thoroughly mixed for three minutes in order to attain a homogenous mix using a low speed electric stirrer (300 - 400 rpm) or other suitable equipment.

5. Application

ASCOFLEX SUPER may be applied by brush or paint roller. Prior to application on surface area, 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 dry and then apply a second coat of **ASCOFLEX SUPER** to same area. Once it becomes dry, apply a

generous coat of **ASCOFLEX SUPER** to entire surface, including the cracks, joints, coves and allow to dry. DO NOT skimp on initial coat of **ASCOFLEX SUPER**. Allow it to dry before applying a final coat to entire surface. Final dry thickness of first and second coats should be minimum of 0.5mm-0.75mm. Inspect entire area and, if required, re-apply 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

12 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. 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.