

TECHNICAL DATASHEET

ASCOGUARD

Single-Pack High Performance
Elastomeric Acrylic Coating



PRODUCT INTRODUCTION

ASCOGUARD is a liquid applied acrylic emulsion based elastomeric coating. It can be applied as a waterproofing membrane or as a crack bridging paint on walls. **ASCOGUARD** is formulated using proven elastomeric acrylic resin to provide long term durability & maximum protection for concrete and metal surfaces. **ASCOGUARD** is green building friendly as it is designed to ensure low VOC and further provides anticarbonation properties.

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KEY FEATURES

1. For building surfaces where effective waterproofing, and a decorative wall finish is required.
2. Excellent alkali, fungal and UV resistance.
3. Breathable.
4. Excellent performance on old, painted and new surfaces.
5. Elastomeric – bridge hairline cracks.
6. High stability & dual bonding strength.
7. Water-based for superior protection and easy application.
8. Eco Friendly & ready to use one-part formulation.

RECOMMENDED APPLICATIONS

1. Over new or old concrete, concrete block, plaster, cement render, asbestos board & other surfaces requiring waterproofing.
2. It can be applied on vertical & horizontal surfaces, interior and exterior, new/ old concrete walls, plastered walls, roofs and window flashing etc.
3. Due to its thixotropic nature, the build-up over vertical wall will not cause any sagging.
4. The elastomeric properties of the coating will enable it to bridge hair-line cracks over concrete surfaces caused by shrinkage.
5. The coating will provide good protection against weathering and leaking.

TECHNICAL PROPERTIES (Complies ASTM D 412 - 02,C 836 & BS EN 12390)

Appearance & Base	Acrylic emulsion semi liquid
Colour	White & variety of colors
Specific Gravity	1.29 ± 0.2 Kg/l
pH	8 ± 1
Recommended Thickness	150 micron DFT /coat
Recommended Coats	2 to 3 coats
Tensile Strength	≥ 2.5 N/mm ²
Adhesion to Concrete	≥ 1.50 N/mm ²
Elongation	≥ 250 %
Crack Bridging	Up to 2 mm width
Vapor Transmission	0.105 g/m ² /Hour

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

Surface should be clean, dry and free from dust, oil, wax, grease, curing agents or other substance that may affect adhesion performance.

2. Priming

Porous substrates: Prime with **Ascoprime Ultra** & **Ascoprime** using brush or roller. Allow primer to get dry. Do not over dilute Primer. Mix 1 part of primer with 2/3 part of clean water. Extremely porous surface may require second coat.

3. Thinning

Not recommended but it can become thin till 10% with clean water for workability, if necessary.

4. Application

ASCOGUARD is pre-mixed and ready to use. **ASCOGUARD** can be applied by brush or paint roller in two (2) to three (3) coats on a correctly prepared and primed surface. Time interval of 6-8 hours between 2 coats is recommended.

5. Coverage

40 – 45 ft²/ Coat / l (Coverage may vary depending on applied thickness and substrate conditions)

6. Curing

Optimum curing performance level is achieved after 24 hours of application.

7. Health and Safety Guidelines

Use personal protective equipment (PPE) to use **ASCOGUARD** for storage and application

If it comes in contact with eyes, immediately wash eyes with water and seek medical advice.

Use of safety goggles, nose mask and hand gloves are recommended to protect eyes, skin and mouth while in use.

(Material Safety Data Sheets are available from our ASCOLITE's website)

8. Packaging

Available in 5 Ltr and 20 Ltr plastic pails and it is completely sealed in inert atmosphere.

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 and 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 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.