

D - Seal A100

TECHNICAL DATA SHEET (TDS)



Acrylic elastomeric waterproof coating

DESCRIPTION

D-SEAL A100 is a single-component, fibre-reinforced acrylic waterproofing coating. It forms a seamless, flexible and UV-resistant membrane for roofs, concrete surfaces and other exposed areas. The product provides durable waterproof protection with good crack-bridging ability and weather resistance.

RECOMMENDED USE

- Roof slabs and terraces
- Balconies and podium areas
- Concrete roofs
- Fibre cement sheets
- Exterior masonry surfaces
- Waterproofing repair works
- Protective roof coatings

FEATURES AND BENEFITS

- Ready-to-use single-component system
- Fibre-reinforced waterproof coating
- Excellent UV and weather resistance
- Good adhesion to concrete and masonry
- Vapour permeable
- Low chloride penetration
- Easy brush or roller application
- Seamless waterproof finish

PRODUCT INFORMATION

Standards compliance	ASTM D4541, ASTM D412, ASTM G154
UV Resistance (ASTM D4587)	No change after 1000 hours
Chloride Penetration	Very low
Algae Resistance	Pass, ASTM D5589-97
Tensile Strength	1.10 Mpa
Elongation	100%
Application Method	Brush / Roller
Number of Coats	2–3
Packaging	20 kg
Shelf Life	12 months

APPLICATION PROCEDURE

General

D-SEAL A100 shall be applied by trained applicators following the recommended application procedure.

Surface Preparation

The surface must be clean, sound and free from dust, oil, grease, loose particles and other contaminants. Repair cracks, holes and surface defects before application. The substrate should be dry or slightly damp as required.

Mixing Procedure

Stir D-SEAL A100 thoroughly before use until a uniform consistency is achieved. Use a slow-speed mixer if required. Do not add water or other materials.

Application

Apply D-SEAL A100 using a brush or roller. Apply in two-three coats to achieve a continuous and uniform waterproof membrane. Allow each coat to dry before applying the next coat.

Protection Screed (Optional)

For areas requiring additional protection, apply a protective screed over the cured waterproofing membrane after suitable surface preparation.

Coverage

350–400 ft² per 20 kg set Two-Coat System (1.0 mm)

Cleaning

Clean tools and equipment with clean water immediately after use. Dried material should be removed mechanically.

Precautions

Apply only on a clean, sound and properly prepared substrate. Do not apply during rain or when rain is expected. Allow each coat to dry before recoating and protect the membrane until fully cured. Use appropriate PPE during handling.

Statement of Responsibility (Disclaimer)

The technical information and application advice are based on present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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Ducon Polymer Flooring (DPF)

www.duconasia.com

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