

D - Seal A200

(Acrylic Ultra Cool Coat)

TECHNICAL DATA SHEET (TDS)



acrylic elastomeric waterproofing and heat-reflective coating

DESCRIPTION

D-Seal A200 (Acrylic Ultra Cool Coat) is a single-component, acrylic-based elastomeric waterproofing and heat-reflective coating designed for exposed roofs and exterior surfaces. It provides a seamless, flexible membrane with excellent adhesion, UV resistance and long-term weather durability, delivering reliable waterproofing and thermal protection.

RECOMMENDED USE

- Exposed roofs and roof terraces
- Metal roofs and roof sheets
- Concrete and masonry surfaces
- Exterior walls and parapets
- Balconies and podium decks
- Industrial, commercial and residential buildings

FEATURES AND BENEFITS

- Long-lasting waterproof protection
- High solar heat reflectivity
- Excellent UV and weather resistance
- Flexible crack-bridging
- Excellent adhesion
- Breathable membrane
- Easy brush, roller or spray application

PRODUCT INFORMATION

Tensile Strength	≥1.5 MPa
Adhesion to Concrete	~1.5 MPa
Elongation	~250%
Density	1.35 ± 0.05 kg/L
Crack Bridging	Up to 1.2 mm
Application Temperature	+5°C to +35°C
Coverage	8 sft/kg @ 1mm
Application Temperature	+5°C to +35°C
UV Resistance	Excellent
Weather Resistance	Excellent
VOC	Low
Package	20 kg bucket
Shelf Life	18 Months

APPLICATION PROCEDURE

General

D-Seal A200 (Acrylic Ultra Cool Coat) shall be applied in accordance with the recommended application guidelines by trained personnel.

Surface Preparation

Ensure the substrate is sound, clean, dry and free from dust, oil, grease, laitance and loose particles. Repair cracks and surface defects before application.

Mixing

Stir the material thoroughly using a slow-speed electric mixer until a uniform consistency is achieved. Do not dilute unless recommended.

Application

Apply by brush, roller or airless spray in two coats. Allow the first coat to dry before applying the second coat at right angles to the first. Apply at the recommended coverage to achieve a continuous, seamless membrane.

Drying

Allow the coating to dry completely before exposure to rain, foot traffic or subsequent finishes.

Cleaning

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

Storage & Shelf life

Store in the original, unopened container in a cool, dry and well-ventilated area. Protect from direct sunlight, frost and moisture. Shelf Life, 18 months from the date of manufacture when stored under recommended conditions.

Precautions

Wear suitable PPE during handling and application. Do not apply during rain or when rain is expected. Refer to the latest SDS/MSDS before use.

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 product's 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.