La AcryDec is a single component, Elastomeric, high performance, water-based UV Resistant Waterproof Coating. It is based on aliphatic acrylic polymer. It is an advanced acrylic technology product manufactured by combination of pigment, reinforcing fillers making the polymer flexible that allows the membrane to accommodate movement in the substrate.

It is a seamless membrane that performs and adapt to any construction requirement in varied climatic conditions. La AcryDec is specially formulated to seal, waterproof and decorate exterior surfaces and roofs. It seals cracks and joints in old roofs/walls and simultaneously leaving a seamless finish to the roof surface.

La AcryDec is designed for use as waterproof coating on roof slabs and walls of buildings. It is also suitable for sloped roofs eliminating protective screed or tiles.

**Advantages**
- Minimum surface preparation needed
- Single component - Brush or roller applied directly on the substrate
- Excellent adhesion to most building substrates
- Prevents further ingestion of water in concrete
- Excellent flexibility at both high and low temperatures
- Has resistance to water penetration
- Flexible - High elongation characteristics
- Good resistance to atmospheric pollution
- Breathable - allows water vapour to escape

**Application Areas include**
- Concrete or metal roofs
- Asbestos sheet and other metal surfaces
- External new and old roof
- Wood, tiles, PU foams and asphalt shingles
- Fire Walls
- Gutters, Fibre Cement Boards

**Properties**
- **Surface drying time**: 30 min at 30°C
- **Over coating time**: 2 - 3 hours
- **Shore A Hardness**: 45 - 55
- **Maximum Tensile strength**: 0.82N/mm² (ASTM D 882)
- **Elongation at break**: 400% (ASTM D 882)
- **Water Absorption**: 1% (ASTM D 570)
- **Water Vapour Permeability**: 1.3 (ASTM D 1653)
- **Weather Resistance**: No evidence of cracking, Deterioration & loss of flexibility
- **Service temperature**: 30°C to +90°C
- **Solid Content**: 65% (ASTM 2369)
- **Density**: 1.33 - 1.35
- **Colors Available**: Grey, Green, Terracota, White

**Preparation**
All the surfaces which are to receive La AcryDec coating, must be free from oil, grease, wax, dirt or any other form of foreign matter which might affect adhesion. Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired using La Bond SBR Latex.

**Priming**
To further improve waterproofing and bonding properties on porous substrates, we recommend La BrushSeal, a penetrating water repelling acrylic primer. La BrushSeal which ensures proper adhesion of all brushable elastomeric membrane when waterproofing is done on porous substrates. It also acts as a bond layer between elastomeric coating and substrate.

The surfaces to be primed must be dried before treating with La BrushSeal.
Health & Safety

Precautions & Limitations
La AcryDec system has a limited resistance to water permeability. To provide effective protection to the building, when used on concrete surfaces, this system should be used in conjunction with La Crete range of Waterproofing Systems.

La AcryDec system is non-toxic but alkaline in nature. Gloves and goggles should be worn while handling. Any splashes on the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought.

La AcryDec system is non-flammable

Shelf Life
La AcryDec system may be stored for up to 18 months when contained in its original sealed packing. Store La AcryDec material in a dry place.

Application

New Roof
After drying of Primer, immediately apply first coat of La AcryDec by brush or roller. Place non-woven fibre mesh fabric on the first coat when it is in tacky condition. Apply second coat of La AcryDec on the reinforced coating covering the pores of the mesh properly. The system is designed so as to allow La AcryDec to pass through, thereby forming a compact reinforced sandwich membrane upon application problem between the top and bottom layers should a high force be applied on it. Third coat is recommended for large roof areas to withstand thermal movements and increase the durability of waterproofing system.

Old Roof
A three coat system of AcryDec is recommended on old concrete roof. After drying of Primer, immediately apply first coat of La AcryDec by brush or roller. Place non-woven fibre mesh fabric on the first coat when it is in tacky condition. Apply second and third coat of La AcryDec on the reinforced coating covering the pores of the mesh properly. Apply third coat on the dried surface of second coat.

Curing
A final curing time of 48 hours is adequate at normal working temperatures. Ensure curing is complete before laying thermal insulation boards, mechanical protect and other coverings.

Low temperatures and high atmospheric humidity will slow down the curing rate and vice versa.

Coverage

<table>
<thead>
<tr>
<th>Coverage</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Priming Coat - La BrushSeal</td>
<td>10-12sqm/ltr/coat (1:3 dilution)</td>
</tr>
<tr>
<td>La AcryDec Tic</td>
<td>20-25sqm/pack in two coats on the primed surface.</td>
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</tbody>
</table>

Coverage can vary depending upon the texture and undulations of the concrete surface.

For Complaints/Suggestions:
Please write to our Customer Care Executive at Lacrete Durakem (India) Pvt. Ltd.
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Tel: 080 - 4157 1956
E-mail: info@lagreensindia.com

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Lacrete Durakem (India) Pvt. Ltd.
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www.lagreensindia.com

Important: Lacrete Durakem products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, Lacrete Durakem does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.