**Product Description**
La Brushlastic APC is a high performance, liquid applied waterproofing membrane of Styrene 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 adopt to any construction requirement in varied climatic conditions. The coating inhibits root growth for soft plants.

La Brushlastic APC seals cracks and joints in old roofs/walls and simultaneously leaving a seamless finish to the roof surface.

**Uses**
La Brushlastic APC is designed for use as waterproof coating on roof slabs and walls of buildings. Can be used as a sandwiched membrane coating system for all concrete surfaces both external and internal.

**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 slab roofs and toilets
- External and internal new and old roof/walls
- Fire Walls
- Gutters, Fibre Cement Boards

**Technical Properties**
The company provides a technical advisory service supported by a team of specialists in the field.

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Surface drying time</td>
<td>15 min - 20 min at 30°C</td>
</tr>
<tr>
<td>Over coating time</td>
<td>2 - 3 hours</td>
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<tr>
<td>Shore A Hardness</td>
<td>45 - 55</td>
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<tr>
<td>Maximum-tensile Strength ASTM D 412</td>
<td>&gt;4.5N/mm²</td>
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<tr>
<td>Elongation at break ASTM D 412</td>
<td>&gt;400%</td>
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<tr>
<td>Weather Resistance</td>
<td>No evidence of cracking, Deterioration &amp; loss of flexibility</td>
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<tr>
<td>Solid Content</td>
<td>&gt;55% (ASTM 2369)</td>
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<tr>
<td>Density</td>
<td>1.3kg/Litre</td>
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<tr>
<td>Colors Available</td>
<td>White and Light Grey</td>
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</tbody>
</table>

**Application Instructions**

**Preparation**
All the surfaces which are to receive La Brushlastic APC 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**
A sealer coat using La BrushSeal, a water based penetrating repelling waterproofing primer composed of acrylic polymer emulsion after diluting La BrushSeal (1:3)

**Application**
After drying of Primer, immediately apply first coat of La Brushlastic APC 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 Brushlastic APC on the reinforced coating covering the pores of the mesh properly. The system is designed so as to allow La Brushlastic APC 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.

Non-woven fibre mesh fabric is used as a reinforcement to enhance tensile properties especially for large area applications.

**Sloping Screed**
A Sloping Screed is recommended on the above system for durability.

**Curing**
A final curing time of 48hours 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.
La Brushlastic APC system has a limited resistance to exposed weather conditions. To provide effective protection to the building, when used on concrete surfaces, this system should be protected using a waterproofing screed concrete with desired slope.

La Brushlastic APC 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 Brushlastic APC system is non-flammable

La Brushlastic APC system has a shelf life of 12 months in Unopened packs, if kept in a cool dry store.