

Product Description

Techno 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.

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

Uses

Techno 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

Application Areas include

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

Advantages

- Minimum surface preparation needed
- Single component - Brush or roller applied directly on the substrate
- Excellent adhesion to most building substrates
- Prevents further ingress 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

Technical support

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

Properties

Appearance	White and in thixotropic consistency
Surface drying time	15 min - 20 min at 30 °C
Over coating time	2 - 3 hours
Shore A Hardness	45 - 55
Maximum Tensile strength ASTM D 412	>4.5N/mm ²
Elongation at break ASTM D 412	>200%
Weather Resistance	No evidence of cracking, deterioration & loss of flexibility
Solid Content	65% (ASTM 2369)
Density	1.32±0.02 kg/Ltr
Colors Available	White

Application instructions

Preparation

All the surfaces which are to receive Techno 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 Techno Bond SBR Latex.

Priming

A sealer coat using Techno BrushSeal, a water based penetrating repelling waterproofing primer composed of acrylic polymer emulsion after diluting Techno BrushSeal (1:3)

Application

After drying of Primer, immediately apply first coat of Techno 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 Techno Brushlastic APC on the reinforced coating covering the pores of the mesh properly. The system is designed so as to allow Techno Brushlastic APC to pass through, thereby forming a compact reinforced sandwich memberane 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 protech and other coverings.

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

Estimating

Techno Brushlastic APC is available in 20ltrs Jerry Can

Priming Coat - Techno BrushSeal - 8-10sqm/ltr (1:3 dilution)

Techno Brushlastic APC - 20 - 24sqm/pack in two coats on the primed surface.

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

Shelf Life

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

Limitation

Techno 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.

Health & Safety

Techno 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.

Fire

Techno Brushlastic APC system is non-flammable.

Important: Technokem 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, Technokem 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.

For Complaints/Suggestions:

Please write to our Customer Care Executive at

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