



Smart Elasto 200

SPELAS200

5 Kg & 20 Kg



Description

SMART ELASTO 200 is a single component, ready-to-use, water-based acrylic polymer. ELASTO 200 comprises of special blend of polymer, fillers and additive to reduce solar heat absorption in air-conditioned or non-air conditioned buildings. It takes a majority of the heat load off the building's skin and reduces temperatures to a shaded environment. The excellent water, algae, fungus, alkali, and efflorescence resistance of this product, in combination with its exterior durability and its ability to adhere to a variety of substrates, allow it to be used in many applications. It can be used for RC gutters and planter boxes, floor slabs, deck, wood siding/fences, external wall, flat roof, metal roof and even concrete structures. It can also be applied as a sealing solution to seal cracks on joint walls, ceiling and roofing.

ELASTO 200 cures to form a tough and seamless waterproofing membrane with excellent adhesion to most substrates.

Advantage

- Able to bridge crack up to 2mm.
- UV resistant.
- Algae & fungus resistant.
- Waterproof.
- User friendly. Highly recommended for DIY purpose.
- High rate of water vapour transmission which permits moisture pass through paint film, without causing any blistering, peeling or flaking.
- Prevention of ravages of acid rain, freeze-thaw, sunlight and etc.
- Can withstand low foot traffic.
- Non-toxic

Usage

Smart Elasto 200 is a high quality emulsion that substantially improves the qualities of cement mortars such as:

- RC gutter and planter boxes.
- Floor slabs
- Deck.
- Terraces and balconies.
- Wood siding/ fencing wall.
- Flat roof.
- Metal roof.
- Concrete structure.

Composition

Pigment	:	Titanium dioxide, inorganic pigment
Binder	:	Acrylic polymer
Volume Solid	:	40%
Diluent	:	Water

Properties

Finishing	: Egg-shell-like finish
Colour	: White, Dawn Grey, Cocoa Mix, Rimba Green, Banana, Crayon, Sandstone.
Theoretical Coverage	: 8m ² /kg
Curing Time	: 12 hours
Recoating Interval	: 8 hours
Elongation	: 410.1%
Tensile Strength	: 4.8N/mm ² (Equivalent to 48.9kgf/cm ²)
Adhesion	: 0.95N/mm ²
QUV Accelerated Weathering	: No cracking

Application Instruction:

The substrate must be clean and sound, free of dust and loose particles. Laitance, oil, grease, mould release agents or any foreign contaminants which may inhibit adhesion must be removed from concrete surfaces by using wire brush, scabbler or other means. Where moss, algae, or similar growths have occurred, treatment with suitable chemicals should be carried after the initial cleaning process followed by further washing.

Ensure the surface is dry, then coat with two layers of Smart Elasto 200. To obtain better weathering properties, it is recommended to paint with two layers of Smart Cool Weather.

Surface Preparation

- Surface must be sound, clean, dry and free from all defective or poorly adhering material, dirt, grease and wax.

Storage Condition

Store in unopened and undamaged packaging in dry condition. Protect from direct sunlight.

Company Identification

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