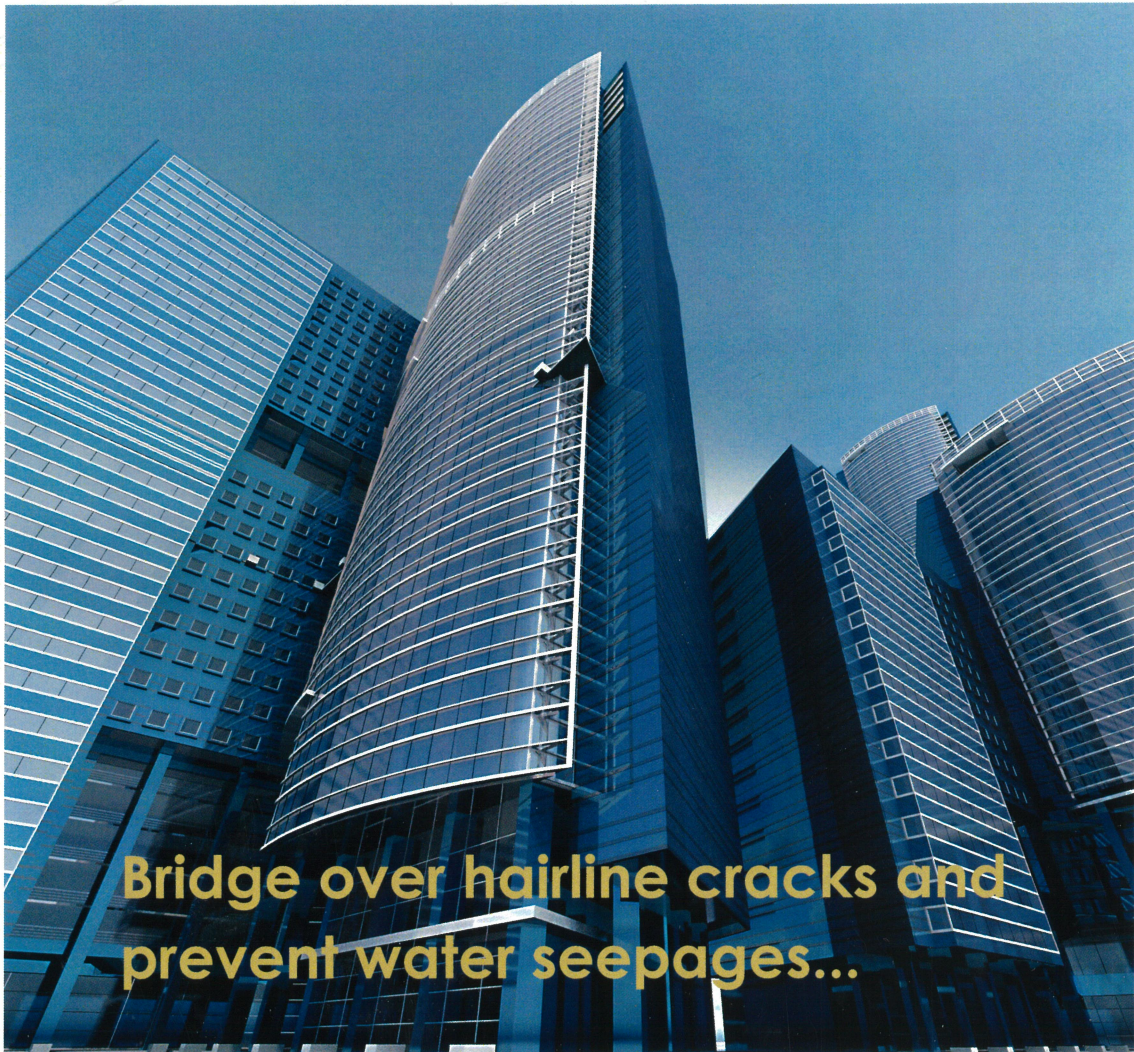


Lenaflex Plus



Elastomeric and Anti-Carbonation Coating System



Elastomeric and Anti-Carbonation Coating System

LENAFLEX PLUS is an elastomeric, acrylic polymer, water-based, roller texture coating. Being flexible and stretchable, it can prevent unsightly hairline cracks and water seepage. High grade microscopic polymers of LENAFLEX PLUS allow trapped moisture in the substrate to breathe through the coating into the atmosphere, thus preventing substrate and coating from decay. Blended specially for harsh tropical weather conditions, LENAFLEX PLUS exhibits excellent algae and weather resistance resulting in excellent colour retention, durability and ensuring the upkeep and glamour of your buildings. LENAFLEX PLUS comes in semi-gloss finish.

Characteristics & Advantages



Weatherability

Excellent resistance against UV rays and weather ensures excellent colour retention and glamour of buildings.



Elastomeric

Highly flexible and stretchable, allowing the coating to bridge over hairline cracks and preventing further surfacing of hairline cracks rendering LENAFLEX PLUS suitable for both new old and retrofitted buildings.



Waterproofing

Coated film of LENAFLEX PLUS provides a continuous impermeable film against water.



Fungus and algae resistance

Exhibits outstanding resistance against algae and biological growth.

Fungus resistance test



LENAFLEX PLUS



Normal Coating Emulsion

Algae resistance test



LENAFLEX PLUS

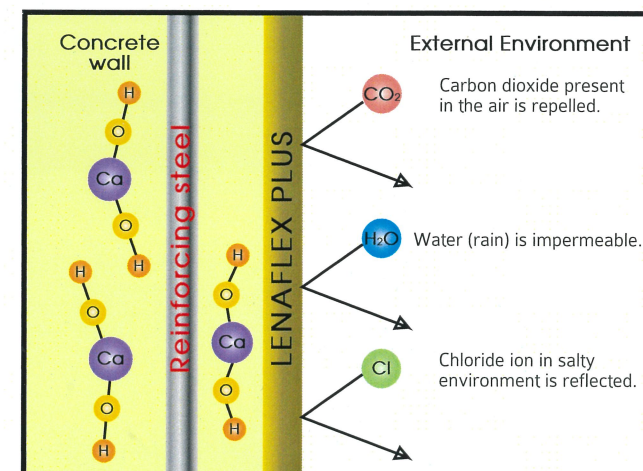


Normal Coating Emulsion



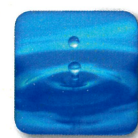
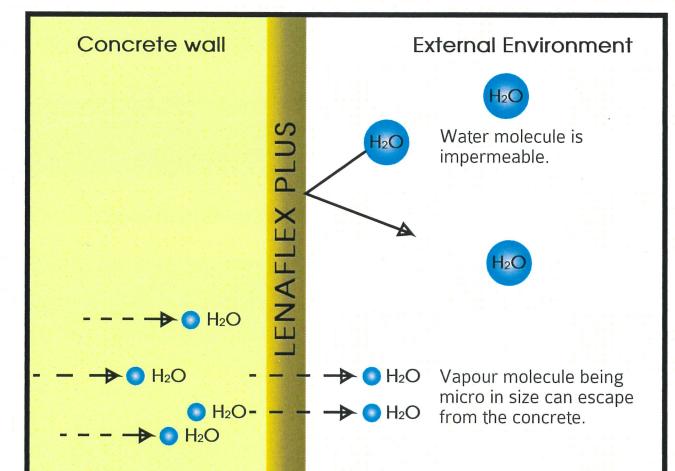
Anti-Carbonation

Prevention the ingress of chlorides, carbon dioxide and acid gases to substrates. The ingress of water and carbon dioxide from the atmosphere react with the excess Calcium Hydroxide in the concrete resulting in spalling of concrete. LENAFLEX PLUS prevents this carbonation action.



Breathability

Incorporating technologically advanced microscopic resin, LENAFLEX PLUS allows excess moisture from the substrate to breathe and evaporate through the microscopic pores of the coating.



Environment Friendly / Water-based

LENAFLEX PLUS is water-based, incombustible and non-toxic.



... Unsightly "cobwebs" of hair-line cracks

... Damaging water-seepages and dampness

... Spalling concrete

... Unsightly algae and biological growth



Addressing these problems, SKK has through elaborate research and development programs successfully developed and tropicalized an elastomeric anti-algae acrylic polymer coating. LENAFLEX PLUS to suit our local climatic condition as evident in our successful project references at Japan and South East Asia.

LENAFLEX PLUS advance coating technology over conventional paints makes it suitable for use in both new and old buildings.

Our harsh tropical climatic conditions, pollution etc. are causing some of the above defects in both new and old buildings which need to be rectified to prevent further dilapidation and decay of a building structure.

Application Substrate

- Suitable for interior and exterior walls, columns, ceiling etc.
- New or existing, suitably primed concrete, masonry, plaster, render, brick, pre-cast panel, GRC and other board surfaces.

Surface Preparation

- New plastered surfaces shall be allowed to cure to a moisture content of 18% or less (measured by a protimeter).
- Surfaces shall be clean. Free from dust, dirt, grease and other foreign matters prior to coating.
- Old flaking paintwork shall be thoroughly scrapped off, washed and primed with one coat of ACRYLIC SEALER or equivalent.
- Efflorescence and chalking surfaces shall be high pressure jet washed.
- Existing cracks exceeding 2 mm width shall be V-Cut, with 2/3 of the groove filled with Polysulphide Sealant and levelled off with SK TILE FILLER or equivalent.

Application Specification

Process	Product Name	Generic Description	Coating Interval	Dilution	Application Method
Primer	ACRYLIC SEALER	Water-based Acrylic Sealer	1-2 hrs	-	Roller
2nd & 3rd coat	LENAFLEX PLUS	Acrylic Water-based Elastic Coating	4 hrs	0-5% (water)	Roller

FOR MORE INFORMATION, PLEASE FEEL FREE TO CONTACT THE FOLLOWING OFFICES.



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