



INDIAN RAIN SURAKSHA (WHITE)

The ART of construction chemicals!



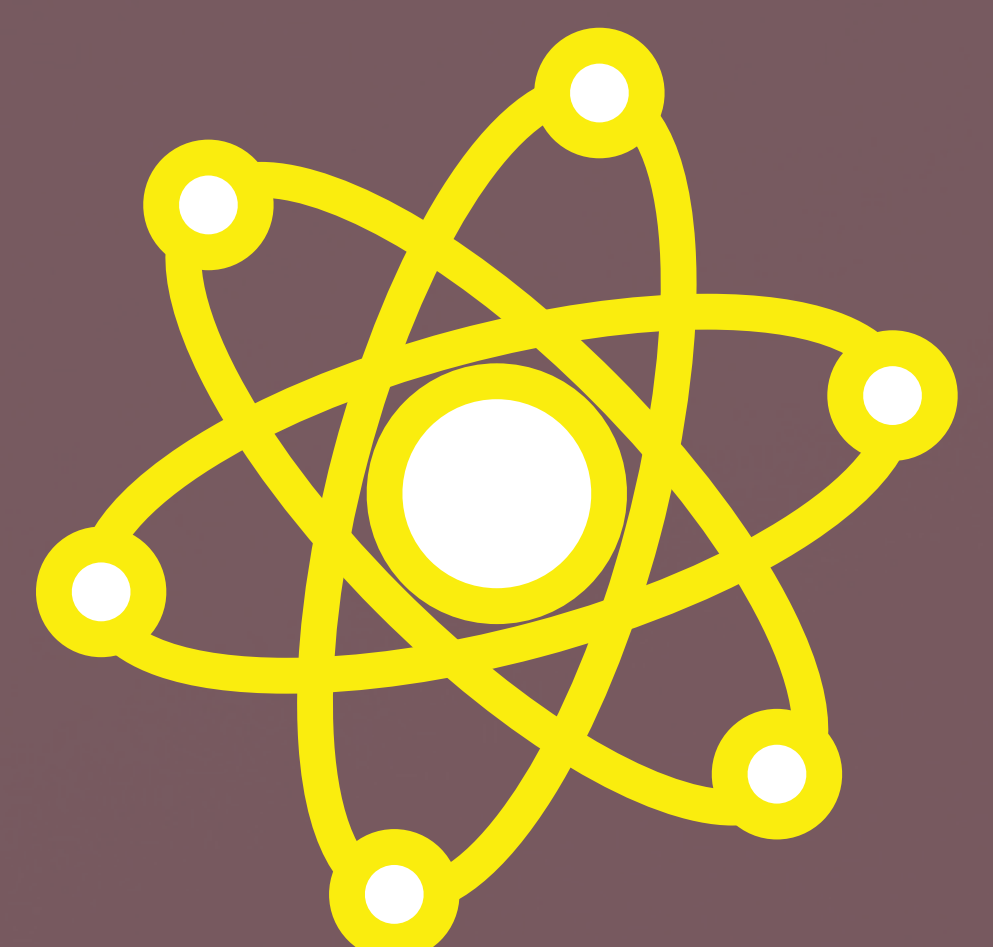
info@indianconstructionchemicals.in

INDIAN RAIN SURAKSHA (WHITE) is a water-based compound on styrene butadiene copolymer. It is designed for use as a liquid-applied membrane. When the material is cured then it converts into **WHITE** color.

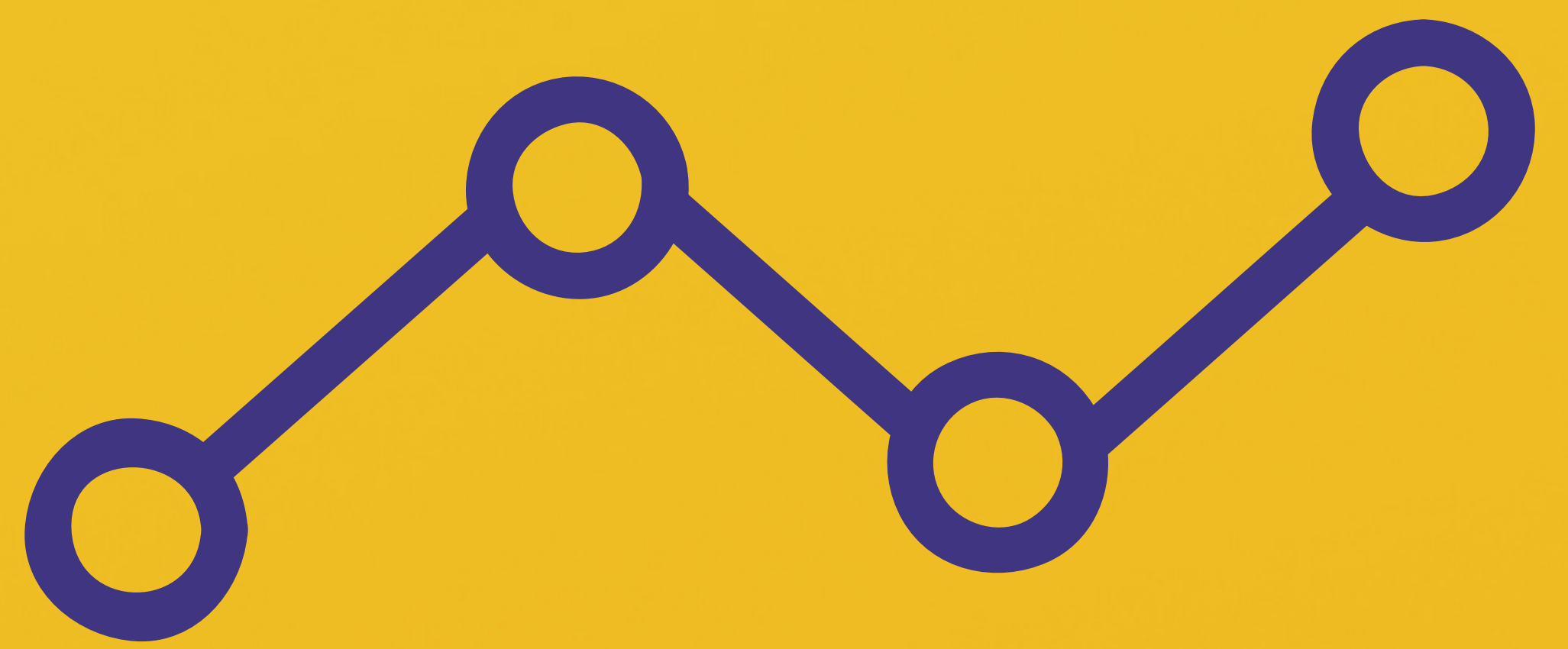


DISPERSION PROPERTIES:-

- **Appearance:-**
White, viscous compound
- **Polymer Type:-**
Acrylic and PU
- **Emulsifying System:-**
Nonionic
- **Viscosity:-**
14000 – 20000 cps
- **Solid content:-**
56.0 +/-1 %
- **pH:-**
6 to 8
- **Film Appearance:-**
White
- **The surface of coating:-**
Non-tacky



ADVANTAGES:-



INDIAN RAIN SURAKSHA (WHITE) is used as a liquid applied water and damp proofing membrane and can be brush or roller applied on surfaces that are damp or have been primed with diluted compound or with the ratio of 1:1 (1 part INDIAN RAIN SURAKSHA (WHITE) & 1 part of water)

It is advised to apply a minimum dry thickness of 0.5 mm – 0.6 mm in two coats. The second coat is applied only when the first coat is touch dry. This is usually possible 1 hour after applying the first coat. The compound dries fast and results in a white membrane with high strength and flexibility.

WATER VAPOUR PERMEABILITY:-

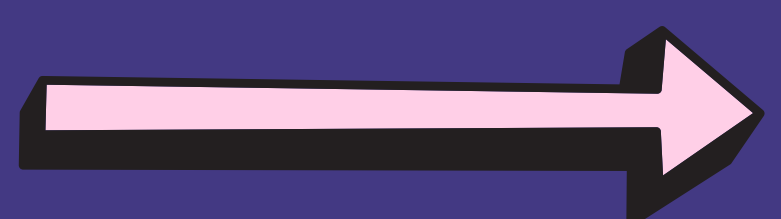
The water vapor permeability was measured using Payne cups and membranes of approximately 0.6 mm thickness. Several tests have been done at different temperature and relative humidity conditions, as the result of this property is influenced by both parameters.

MECHANICAL PROPERTIES:-

The membrane of 06 mm thickness has been drawn (2 coats) and dried for 7 days at 22 degrees with 55 % RH. dumbbells were taken from these films and tested on tensile strength, elongation at break.



Tensile strength:- 4 N/mm^2



Elongation at break:- 400 %

TECHNICAL DATA

PROPERTY	: TYPICAL RESULTS
Colour	: White
Pot life	: 25 minutes
Volatile Organic Compound (V.O.C)	: NIL
Coverage (PER KG)	: 20 sq.FT FOR 2 COATS
Touch Dry Time	: 60 minutes
Crack Bridging	: No cracks found
2mm gap width for 10 cycles	
Temperature Reduction	: 6 degree C -7 degree C

HEALTH & SAFETY



INDIAN RAIN SURAKSHA (WHITE) is non-toxic, non-flammable & splashed on the skin should be washed with plenty of water. If contact with the eye occurs wash well & seek the doctor's advice.

QUALITY ASSURANCE



INDIAN CONSTRUCTION CHEMICALS manufactures an entire range of construction chemicals under compliance with ISO 9001 – 2015.