

HEATSEAL[®]

Heat Reflective Waterproof Coating



Indicus[®]

INDICUS HEATSEAL is a heat reflective waterproof coating for all types of cementitious surfaces. It's long lasting glossy white colour and specially added microspheres reflect solar radiation back into the atmosphere and keeps the interior of the building cooler. HEATSEAL forms an elastic and tough membrane that provides excellent resistance against ingress of water.



Added microspheres
for excellent heat reflection



10°C heat reduction*



4 years waterproofing warranty**



Energy saving



Elastic



Anti-algal

Areas of Application

INDICUS HEATSEAL can be used in:

- roofs, slabs & terraces
- surfaces like concrete screeds, asbestos, lime terrace, brick-bat coba, etc. after suitable surface preparations and repairs
- external walls & water tanks

Features

- **High Solar Reflectance**
Radiates heat and reduces the temperature by up to 10°C.
- **Excellent Weather Resistance**
Durable, UV & IR resistant membrane that enhances service life of the coating.
- **Waterproofing**
Excellent resistance to ingress of rain & stagnant water.
- **Elastic**
Accommodates movement of thermal expansion & contraction and bridges cracks in excess of 0.5 mm width.
- **Eco-friendly**
Energy saving & non-toxic.



Technical Properties

Colour	Bright white
Specific Gravity	1.05 ± 0.05
Viscosity @ 27°C	125 KU
Tensile Strength	1.5 N/mm ²
Solar Direct Reflectance*	86%
Solar Reflective Index*	110
Elongation	60%

* On tested conditions.

** Conditions apply. Please refer INDICUS HEATSEAL Warranty Guide for conditions and information on the warranty available at www.indicus.in/warranty.

Coverage

- On horizontal surface, approx. **10 sq.ft./L** for 3 coats.
- On vertical surface, approx. **25 sq.ft./L** for 2 coats.

Coverage is dependent on the degree of dilution, surface condition and method of application.



Application Procedure

1. Clean the surface thoroughly and repair the damages, if any, using polymer modified repair mortar.
2. New cementitious surfaces should be allowed to cure for minimum of 28 days before coating.

On Horizontal Surface

1. Apply one self-priming coat by diluting HEATSEAL with 30% clean water on the surface and allow it to dry.
2. Apply one undiluted coat of HEATSEAL and allow it to dry.
3. Apply the second undiluted coat of HEATSEAL perpendicular to the first coat.

On Vertical Surface

1. Apply one self-priming coat by diluting HEATSEAL with 10% water on the surface and allow it to dry.
2. Apply one undiluted coat of HEATSEAL and once dried, complete with top coat.

Cautions

- Do not stir in high speed.
- Do not apply during rains.
- Ambient temperature and material temperature should be between 10 to 40°C.
- Ensure parapet walls, outlets, protrusions and corners are properly coated to achieve full waterproofing.
- The coating is not designed for heavy foot traffic.

Packaging

INDICUS HEATSEAL is available in 4, 10 & 20 Litre packaging.

Shelf Life & Storage

Shelf life is 24 months from the date of manufacturing, if stored in unopened and original packaging. Store in cool & dry place away from direct sunlight.

Disclaimer: The product information and applications details given in this data sheet is meant to serve as a general guideline only. Users are advised to undertake a trial for product suitability prior to full-scale usage. There is no express or implied guaranty/warranty for the results. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.