

Onika Paints Magicool

HEAT REFLECTIVE COATING
AND MAGICALLY COOLS THE
HEATED SURFACE.

MagiCool is a water based acrylic ready to use flexible coating designed for maximum thermal efficiency, contains both heat reflection and nano-insulation thermoplastic microspheres additives for best in class heat protection. When coated on exterior surfaces, reflects sunlight to a maximum extent and prevents surface from getting heated up, even in peak summer afternoons and keeps the interiors cool. MagiCool reflects up to 90% IR and UV rays which in turn makes surface to less exposure to heat radiations.

BENEFITS:

- Ready to use single pack system
- High solar reflective and heat emissive: blocks 90% of solar infrared rays and 85% of ultraviolet rays, keeping your roof cool even in peak summer.
- Structure remains cool even under intense sunlight conditions.
- Excellent adhesion to metal surfaces both ferrous and non ferrous
- Achieves optimum insulation in low thickness coating
- Repels heat energy & control heat transfer.
- Reduces energy cost and global warming
- Resistant to water and fungus.
- Environment friendly.
- MagiCool can be tinted with light pastel shades, however we recommend it to be used as it is.

Applied on RCC, cemented, Tiled, metal & asbestos sheets and Reduction of roof heat about 8°C to 20°C



PROPERTIES:

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|  <p>Ultraviolet Resistant Nano UV Protector provide excellent UV protection & longer service life.</p> |  <p>Reduce Energy Costs The reflection and insulation technology provides excellent thermal barrier. Up to 40% power saving can be noted in humidification and air-conditioning areas.</p> |  <p>Long-Term Performance The UV cross-linking polymer and UV protectors provide an excellent tough & durable protective membrane.</p> |
|  <p>Water Based Contains no solvents, clean up with water. No toxic substance incorporated.</p> |  <p>Low Cost Application & Maintenance Low cost - easy application - dust proof - water proof - fungus & mold resistant, no recurring maintenance cost. Roof gets cleaned automatically in rain.</p> |  <p>Stable Color The acrylic resins cross-link under UV exposure to lock in colour and lock out dirt.</p> |

TECHNICAL DETAILS:

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|-------------------------------|------------------------------------|--------------------------|---------------------------------|
| Solar reflective index | 122 (Tested by NABL certified lab) | Permeability | 0.5 Per inch |
| Thermal emittance | 0.82 (ASTM 1371) | Radiation Value | Infrared: 90%. Ultraviolet: 85% |
| Solar reflectance | 0.92 (ASTM 1549) | Heat Reduction | 8°C to 20°C |
| Tensile strength | 0.878 Mpa | Coating Thickness | 200 microns |
| Elongation | 200% (+20) @ 75°F (24°C) | Hardness | 70 to 80 Shore A |

HOW TO APPLY



Remove all dust, grease, loose particles, fungus etc and Clean surface thoroughly with water



Apply primer coat of MagiCool with 1:1 proportion of water as an under coat with brush or roller or spray

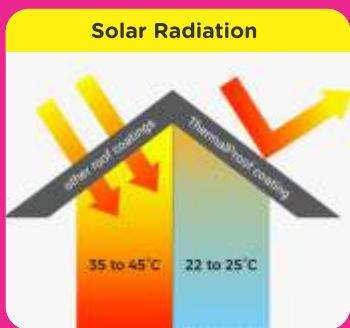


Apply second coat after a gap of minimum 3 to 4 hours.

COVERAGE:

1 ltr of MagiCool coat covers area up to 25 to 30 sq.ft with double coat depending on substrate selection.

| AVAILABLE PACKAGING SIZES: | 1L | 4L | 10L | 20L |
|----------------------------|---|--|---|---|
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Manufactured and marketed by
NuTecSol Products India Pvt, Ltd.,

Plot No. 63A, KIADB Industrial Area Phase 2,
Antharasanahalli, Tumkur-572106, Karnataka

An ISO: 9001 : 2015 Accredited Company

+91 83103 17294 | +91 86602 58402

info@nutecsol.in | www.nutecsol.com