

**Onika Paints**

# Magicool

**NuTecSol**

**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.







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

## **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.



## PROPERTIES:


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


## TECHNICAL DETAILS:

<b>Solar reflective index</b>	122 (Tested by NABL certified lab)
<b>Thermal emittance</b>	0.82 (ASTM 1371)
<b>Solar reflectance</b>	0.92 (ASTM 1549)
<b>Tensile strength</b>	0.878 Mpa
<b>Elongation</b>	200% (+20) @ 75° F (24°C)

<b>Permeability</b>	0.5 Per inch
<b>Radiation Value</b>	Infrared: 90%. Ultraviolet: 85%
<b>Heat Reduction</b>	8°C to 20°C
<b>Coating Thickness</b>	200 microns
<b>Hardness</b>	70 to 80 Shore A

## HOW TO APPLY

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Remove all dust, grease, loose particles, fungus etc and Clean surface thoroughly with water
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Apply primer coat of MagiCool with 1:1 proportion of water as an under coat with brush or roller or spray
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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.

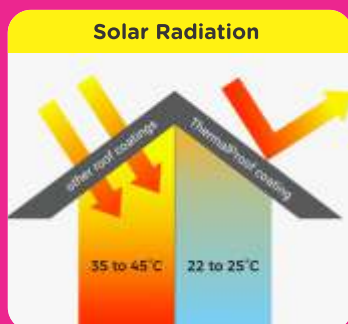
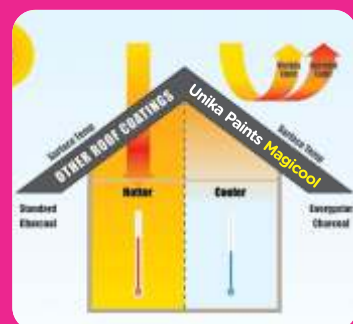
### AVAILABLE PACKAGING SIZES:

1L

4L

10L

20L



Manufactured and marketed by  
**NuTecSol Products India Pvt. Ltd.,**

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**An ISO: 9001 : 2015 Accredited Company**

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