

DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL CAVALIER THERMAL INSULATING PAINT

DESCRIPTION	Insulating paint based on Acrylic, elastomeric, water based coating. It contains special hollow ceramic microspheres as a primary filler, which mainly functions for thermal insulation. The dried film has good flexibility, adhesion, toughness and excellent water resistance & UV resistance. It contains Antifungal and Antibacterial additives.
RECOMMENDED USE	Most suitable as roof coating, as water proofing and thermal insulating material. can be applied on cementitious surfaces, metal roofs for commercial and residential buildings. Also useful for duct coating insulation.

TECHNICAL DATA

COLOURS	White & Colours (Light)
FINISH	Matt / rough
VOLUME SOLIDS	56 ± 2%
SPECIFIC GRAVITY KG/L	1.05 ± 0.05
SPREADING RATE	1.0 - 0.6 M ² /LTR (depends on thickness)
RECOMMENDED (DFT) - MICRONS	600 - 1000
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affects the drying time.
	Touch dry (hours) : 4 - 6
	Dry to recoat (hours) : 12 - 16

APPLICATION DATA

APPLICATION METHOD	Roller or Spray or long haired brush or knife applicator
THINNING (VOLUME)	5% depending on the method of application
THINNER / CLEANER	water
RECOMMENDED SYSTEM	- National Acrylic Primer (W.B.) (or) : 1 coat - National Thermal Insulating Paint (1:1 diluted) : 1 coat - National Thermal Insulating Paint : 2 coats For galvanised surface use Wash Primer before application

MISCELLANEOUS DATA

FLASH POINT	Water base
SHELF LIFE @ 30°C	18 months in original sealed containers, with proper storage conditions.

NOTE : We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For surface preparation, safety details, refer specifier and safety data.