



PRODUCT DATA DECORATIVE COATING Bina Thermoluminance

BINA THERMOLUMINA

SOLVENT BASED ROAD MARKING PAINT

DESCRIPTION

Bina Thermoluminance is an economical solvent based road marking or road striping paint. It is designed for resurfacing old or new asphalt-bituminous roads as a safety marking or striping to alert motorist on the roads and highways. It is formulated for rapid setting thus enabling traffic movement in a couple of hours after application. It sets to a hard finish and yet provides a good anti-skidding effect for vehicles on wet roads. It also incorporated tiny glass spheres structure to luminate or reflect back the light from the paint during daylight or nighttime driving. It can also accommodate small movement from the road substrate due to its content of modified rubber during extreme weather.

ADVANTAGES

- One pack system ie; Ready For Use
- Over paintable in one hour - ideal for contractors
- Tough finishing
- Good anti stain
- Good anti-skid resistance
- Luminates/ visible during daylight or nighttime
- Primerless* for resurfacing job
- Highly densed - fills roads and tars imperfection perficly
- Resist alkaline, acid and water

APPLICATION

1 Bina Thermoluminance undercoat	1 st coat
2 Bina Thermoluminance intermediate coat	2 nd coat
3 Bina Thermoluminance topcoat	3 rd coat

Application is by brush or roller

METHOD OF APPLICATION

Surface Preparation:

The surface that came into contact with Bina Thermoluminance must be cleaned, dry and free from all loose materials, dust, dirt, oil and any other contaminants. Spills such as oil should be removed with strong oxidizing agents such as bleach or mild acids prior to application. Exposed roads such as potholes should be repaired. If there is any uncertainty regarding the application, kindly contact our customer technical representative for more information.

TECHNICAL DATA

Physical Property

Appearance	Free flowing red to red oxide colored liquid
Ingredient	Modified vinyl copolymer resin with hollow spheres
Solids	Approx. 65%
Density	1.31 - 1.48 Kg/Ltr
Coverage	Approx 8.5m ² – 9.5m ² /ltr @50-60u DFT (depending on surface condition)
Recotability	Approx 30 – 40 minutes between each coat (depending on weather)
Service Temp	20°C - 65°C
Setting time	Approx 5 - 6Hrs before traffic made passable *
Hard setting	Approx 2 – 3 days for maximum effect *

* *Appending on temperature & relative humidity*

PACKAGING

20 ltr metal container + 1 ltr can of thinning solvent for on-site application

LIMITATION

High movement concrete ie; @ airport runways/taxiways might exhibit significant contraction and expansion which is not suitable for road marking paints. Care should be taken when applying on similar areas. Product is also not recommended to be applied below water level or continuous water immersion. High relative humidity area could also lead to uneven film formulation due to moisture content preventing solvent from evaporating.

STORAGE

BT should be kept in it's original moisture-tight metal container in a cool and dry environment below 33° C. Once open, it should be consumed or use up entirely. It has a shelf life of within 6 months. The product is strictly intended for professional use only.

HEALTH AND SAFETY

Please refer to our Material Safety Data Sheet for more information. Note however should be taken of all local legislation in individual site.

