

NTP KOTE-EMULSION

MSDS & TDS

PRODUCT IDENTIFICATION:

Manufacturer's Product Name – NTP Kote-Emulsion

Method of Application – Cold Brush Applied or spray gun

PRODUCT DESCRIPTION:

Bitumen Kote emulsions are stable clay emulsions produced from a wide range of basic bitumen, both steam-refined and air-blown. They have a common characteristic of smooth and creamy consistency. They can be diluted easily with water to any consistency required for applications.

Kote can be used as a primer and a sealer over bitumen, modified bitumen, asphalt, fiberglass, galvanized steel, Aluminium concrete, concrete block, brick, wood etc. Kote seals against asphalt bleed through on bituminous surfaces, seals concrete, block and brick against excessive alkalinity and efflorescence and primes galvanized metal and Aluminium for maximum adhesion and flexibility of the finished coating. It is also used for corrosion protection of rails, steel structures etc.

It conforms to specification IRS P:30 :1996.

PRODUCT USED:

Kote is used at several instances such as:

- Protecting boiler insulations
- Corrosion protection of Rails, steel structure etc.
- Waterproofing of roofs
- Insulation binder in vehicles for protection against corrosion and vibration.

METHOD OF USE:

Apply by brush.

Metal surfaces must be clean and free from dust oil, grease and any other contaminants likely to affect adhesion and drying rate. Old paint must be removed with stripe paint and varnish remover. Any loose rust should be treated with a wire brush and for maximum protection the surface should be treated with rust remover, applied by brush liberally.

PHYSICAL PROPERTIES:

APPEARANCE: Dark brown/Black Liquid – solid paste

ODOUR: Hydrocarbon smell.

PACKING:

(20 kg tins) or (200 kg drums)

TECHNICAL DATA:

SN.	CHARACTERISTICS	SPECIFICATIONS
01	Colour	Dark Brown / Black
02	Water Content	40-45%
03	Solid Content	55-60%
04	Apply by	By Brush / Squeegee / spray
05	Thickness per coat	150 - 250 microns
06	Coverage	0.4 – 0.8 kg/sq. mtr per coat*
07	pH	4-6
08	Dry Time	Touch Dry – 8 hrs Hard Dry – 16-24 hrs
09	Specific gravity	1.1 – 1.2
10	Resistant to Alkalis / Acids	Resistant

*Depending on the absorbcency of the surface

COATING INSTRUCTIONS:

Coats: One coat is usually sufficient. If applying to absorbent timber, then first coat with 10-20% white spirit and then apply a second coat.

Drying Time: The product is touch dry in approximately 8 hours and hard dry after 16-24 hour depending on temperature and humidity.

Re-coating Time: 16-24 hours if necessary

Application Temperature: Ideally 15-25 degree C. Do not use below 10 degree C or in conditions of high humidity.



CLEANING:

Tools may be cleaned with white spirit. Minor spillages should be wiped off surfaces before the compound has set. Major spillages should be mopped up immediately with an inert, absorbent material, such as sand, and disposed of in accordance regulations

STORAGE:

Maximum Storage life of 1 year in sealed containers and when stored in a covered place.

HANDLING:

* Wear protective gloves and a barrier cream on exposed skin.

* Never take the product internally.

* Avoid contact with the skin, eyes and non-protective clothing. (Any BITUMEN KOTE, which has dried on the skin, may be removed with a proprietary hand cleanser).

SAFETY HAZARDS

* Contact with eyes - thoroughly irrigate eyes with clean, cold water. Call for medical attention.