

TRAFFIKOTE TFK-115 HM NC

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PRODUCT DESCRIPTION

TRAFFIKOTE TFK-115-HM NC is a 100% solid material blend of binder, pigments, plasticizers, glass beads and extenders for road marking.

It is melted to a temperature not exceeding 220° C and applied in a molten / liquid state to the pavement. Upon cooling to the normal pavement temperature, the completed thermoplastic road markings provides a very durable and reflective markings for the road users.

Excellent adhesion on suitably prepared surfaces, good durability and resistance to abrasion, night visibility and skid resistance. The product has been formulated lead free.

FIELDS OF APPLICATION

- Parking lots
- Sidewalks
- Others area where line markings are required

PRODUCT SPECIFICATION

Color	: White NC, Yellow NC
Specific Gravity	: 2.10 ± 0.05 gr/cc
Packaging	: 17 kilo paper bags
Storage Stability	: One year from the date of manufacture if it is stored in cool and dry place and in its original not opened package

Application

Application condition	: 180 – 220 °C, maximum 80% RH
Application method	: The melted compound can be applied by screed or extrusion
Dry Film Thickness (DFT)	: recommended 2.0 – 5.0 mm
Theoretical coverage	: 4.0 – 10 kg/m ² (DFT + 2.0 – 5.0 mm) (This serves as guide only)
Drying time	: 5 – 10 minute on pavement
Reflectivity & skid resistance	: In order to obtain immediate surface reflection, suitable glass beads have to be dropped on

Note :

The required paint dry film thickness is determined by the size of the glass beads being applied to the marking. It is important that the specified film thickness is achieved in order to maximized the bead retention and wearing properties of marking.

Glass beads must be applied immediately to wet paint to create reflective marking. Do not mix beads directly into paint.

SURFACE PREPARATION

1. Ensure that surfaces are dry, sound, and free from dust, dirt, water, grease, oil and other contaminants before painting
2. For new surfaces ensure that bituminous screeds have cured for a minimum of 3 months and concrete substrate has cured for minimum 1 month.
3. For previously painted surfaces in sound condition. Remove loose and flaking paint back to sound substrate

Cautions

- Not recommended for friable slurry type surfaces.
- Do not exceed the maximum safe heating temperature, this is potentially dangerous and could lead to discoloration and deterioration of binder.
- Use the prescribed beads for thermoplastic application to prevent application problems upon the speed of drop on in order to achieve optimum results.

SAFETY PRECAUTIONS

- Always use the correct protective equipment during heating and application.
- Keep out of reach of children.
- Ensure good ventilation during heating and application.
- Avoid skin and body contact at all cost when heated – seek immediately medical attention
- Take care to avoid contact with eyes
- Harmful if swallowed. Do not induce vomiting. Seek medical attention.

FIRST AID:

General	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Eyes	: In the case of accidental splashes, flush eyes with clear running water for 5 minutes while holding eyelids open. If irritation persist, seek medical attention.
Skin	: Wash off thoroughly with plenty of water and soap. Removed contaminated clothing. If irritation persist, seek medical attention.
Inhalation	: Remove affected person to fresh air area, loosen collar, provide oxygen if breathing is difficult. If affected person is not breathing, administer CPR and seek emergency medical attention.

DISCLAIMER

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