

TRAFFIKOTE TFK-110 SB

Line Marking Paint

No. TD : T-057
Revision : 00
Effective date : 24/02/2023

PRODUCT DESCRIPTION

TRAFFIKOTE TFK-110 SB is a conventional dry (non heated application) solvent based paint intended for marking interior and exterior curbing and lanes on driveways, sidewalks, factory floors, parking lots, and other areas where line markings are required. Specifically, it can be used on interior and exterior floors constructed of concrete, asphalt or brick masonry surfaces that required quick dry and frequent recoating. Glass beads can be added for making reflective markings.

ADVANTAGES

- Fast drying
- High visibility
- Abrasion resistance
- Good adhesion
- Easy to apply
- Weather resistance

TECHNICAL DATA

Type	:	Acrylic Solvent based
Color	:	As shown in colour card
Finish look	:	Dof
Solid by volume	:	50 %
Specific gravity	:	1.4 gr/cc
Material consumption	:	0.625 kg / m ² for 200 microns DFT
Recommended spread rate per coat	:	400 microns WFT 200 microns DFT 1.6 m ² /kg (200 microns DFT) 16 m'/kg (10 cm line width at 200 microns DFT)
Coverage and material consumption depend on substrate profile and porosity and application method		
Drying time	:	
(400 microns WFT at 30°C/60 – 70% RH)		
- Surface dry	:	15 minutes
- Hard dry	:	60 minutes
- Open traffic	:	12 hours
Drying time is temperature, humidity and film thickness dependent		
Packaging	:	1 kg, 2.5 kg, 20 kg
Storage stability	:	Two years if stored cool and dry in original packaging
Thinner/ clean up	:	Thinner multipurpose or epoxy
Thinning ratio	:	Thinning is not recommended, if necessary dilute up to 20 %

Application method	:	Brush, roll Airless spray : Pressure : 1800 – 2700 psi Tip : 0.015” – 0.023”
Application temperature	:	25 – 35°C
Application Humidity	:	Maximum 80 % RH
Re-coating interval	:	1 hours (30°C) or when the first coat already dry

TEST PERFORMANCE DATA

Abrasion resistance (ASTM D4060)	:	Lose < 25 mgr, CS 17, 1000 cycles
Adhesion (ASTM D4541)	:	> 1.5 N/mm ² (concrete failure)

INSTRUCTION FOR USE

Step	Treatment
Surface Preparation	Ensure the surfaces are dry, sound and free from dust, dirt, grease, oil and all contaminants before painting. Remove all loosen material or paint residue through brushing and scraping using fibre brush. New surfaces : ensure that asphalt and concrete substrate have cured for a minimum of 1 month. Previously painted surfaces : remove loose and flaking paint back to sound substrate. Remove dirt, oil, grease and all contaminants.
Application	Provide adequate ventillation during application and drying. Stir before use. Use a low speed mixer for at least 2 minutes until the mixture is homogeneous. Apply TRAFFIKOTE TFK-110 SB as soon as the packaging is opened. Protect areas from traffic, rain, dust or other organism which may wreck the coating. Applied in 1 – 2 coatings.

SAFETY PRECAUTIONS

TRAFFIKOTE TFK-110 SB is flammable and does not contain heavy metals in its materials such as lead. Avoid contact with skin and eyes. Do not inhaled. Wear suitable protective equipment such as goggles, dust mask and gloves. For more information refer to safety data sheet.

First Aid

Skin contact	:	Wash with soap and water. If irritation occurs, seek medical advice
Eye contact	:	Rinse immediately with plenty of water. Seek medical advice if irritation persists.
Inhalation	:	Take the person out to get more fresh air, loosen collar and avoid exertion. Keep patient rested and help using breathing apparatus.

Disclaimer :

This document contains information issued based on the best and latest of Propan's knowledge in accordance to laboratory testing and practical application experience. The end user must test the product's suitability for their specific application and purpose. Propan shall not be liable for defects where the application of the Product has not been made fully in accordance with the recommendations and requirements. This document is subjected to change without further notice. Please consult Propan for any specific guidance on the suitability of this product for their needs or for any specific application practices.