

Technical Data Sheet

Number : TF-001 01
Effective Date : 01/1022020

TraffikOTE

ZONE MARKING PAINT TFK-110 SB



PRODUCT DESCRIPTION

TRAFFIKOTE TFK-110 SB is a conventional dry (non heated application) solvent based paint intended for marking interior and exterior zone and lines. Its suitable for all area where zone and line markings are required.

FIELDS OF APPLICATION

- Parking lots
- Warehouse and factory floors
- Playgrounds
- Sidewalks
- Shopping centres
- Others area where zone and line markings are required

ADVANTAGES

- Fast drying
- Excellent adhesion
- Anti slip
- Excellent eye visibility
- Abrasion and scratch resistant
- Water and weather resistant
- Easy to apply

TECHNICAL DATA

Type	: Modified chlorinated rubber resin
Color	: As shown in colour card
Finish	: Low sheen (dof)
Solid by Volume	: $\pm 52\%$
Specific Gravity	: $\pm 1.62 \text{ gr/cc}$
Material Consumption	: 0.50 kg/m^2 for ± 200 microns DFT
Drying Time (30°C)	:
- Surface dry	: 15 minutes
- Hard dry	: 30 minutes
- Full Cure	: 2 hour
- Open Traffic	: 24 hours for vehicular traffic
Packaging	: 1 and 2.5 and 20 kg
Storage Stability	: One year in cool and dry storage and in original not opened box
Thinner	: 10 - 20% if needed use epoxy or multipurpose thinner
Application Method	: Brush, roll, spray (pressure : 1800-2700 psi) Thinning is needed for spray, maximum 35% by weight with epoxy thinner or multipurpose thinner
Re-coating Interval (30°C)	: 30 minutes or when the first coat already dry
Application Temperature	: 15 - 40°C
Humidity Maximum	: 80 % RH
Provide adequate ventilation during application and drying	



TEST PERFORMANCE DATA

Item	: Result	Standard Test
Bonding strength	: 1.5 N/mm ²	ASTM D-4541
Abrasion resistant	: <25 mg loss	ASTM D-4060

INSTRUCTION FOR USE

Surface Preparation

Surface must be clean, dry, sound and free from all contaminants. Remove all loosen material or paint residue through brushing and scraping using fibre brush or clean the surface using high pressure air. Treat any areas affected by biological organism like algae, moss or lichen with PROPAN FUNGICIDAL WASH. Repair defect with suitable materials. Substrate must be clean and dry before apply.

If the substrate is porous, apply Tennokote Sealer TNK-1020.

Application Procedure

Function	Product and Tools	Curing Time
Coat	: Add $\pm 10 - 20\%$ of epoxy thinner to Traffikote TFK-110 SB and stir it before use with a low speed mixer for at least 2 minutes until homogeneous. Apply first coat using roll or brush. Material consumption is about 0.25 kg/m ² . Apply 2 nd coat without epoxy thinner after 30 minutes Area can be open traffic after ± 24 hours.	± 2 hrs (30°C)

RECOMMENDED COATING SYSTEM

Preceding coats : Tennokote Sealer TNK-1020 WA

Subsequent coats : -

CLEANING

TRAFFIKOTE TFK-110 SB should be removed from tools and equipments with Propan epoxy thinner. Hardened material can be removed mechanically only.

SAFETY PRECAUTIONS

TRAFFIKOTE TFK-110 SB is non toxic and non 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 material safety data sheet (available upon request).

First Aid

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

