

TRAFFIKOTE TFK-116 MMA

TraffikOTE

Cold Plastic Paint

No. TD : T-028
Revision : 02
Effective Date : 13/11/2024



PRODUCT DESCRIPTION

TRAFFIKOTE TFK-116 MMA SERIES are fast cured 2 component methacrylate system, specially designed for zone and line marking paint.

FIELDS OF APPLICATION

- Line and zone marking (pedestrian track, bicycle track, etc.)
- Drop off area
- Special stopper area (drive thru, gasoline station)
- School safety zone

ADVANTAGE

- Fast curing, can be used and exposed to traffic: 2 hours after application
- Excellent weathering resistance
- Excellent adhesion on concrete and asphalt
- Excellent abrasion resistance

PRODUCT SPECIFICATION

Type	: Two component methacrylate	
	Component A	Component B
	TRAFFIKOTE TFK-116 MMA SERIES	HARDENER TFK-116
Color	: Tintable White, Yellow, Red, Green, Blue, Black	Milky
Specific gravity	: 1.54 ± 0.04 gr/ml	0.99 ± 0.04 gr/ml
Solid by volume (mixture)	: 90 ± 1 %	
Flash point	: 11 °C	
Drying time (@ 30°C)	:	
1. Surface dry	: 45 minutes	
2. Hard dry	: 2 hours	
3. Full strength	: 2 hours	
Packaging	: 5 and 20 Kg-set	
Storage stability	: One year in cool and dry storage (above freezing point) and in original unopened box.	
Mixing ratio by weight	: Comp A : B = 9 : 1 w/w	
Pot life (@30°C)	: 30 minutes	
Application method	: Rubber Squeegee and rubber roll	
Substrate	: Concrete, asphalt.	
Application viscosity	: Ready for Use	
Material consumption	: 2 kg-set/m ² for 1 mm thickness	
Re-coating interval	: 2 – 3 hours until 7 days	
Application condition	: T = 15-35 °C, RH = maximum 80%	
Provide adequate ventilation during application and drying		

FILM PROPERTIES

Adhesion on concrete (ASTM D 4541) : 2.5 N/mm² (fail on substrate)

OTHERS

Shelf life	: 12 months.
Storage and handling	: Store at maximum temperature 35°C. If store under elevated temperature will shorten the shelf life. Avoid from heat and direct sunlight

SURFACE PREPARATION

Make sure that compressive strength of floor structure as good as project design requirement. Surface must be structurally sound, clean, and free from loose particles, excessive oil, grease, and other contaminants. Clean excessive oil, grease and wax using scrubbing method by industrial grade detergent or degreasing compound followed by vacuum cleaning to remove all particle dirt.

APPLICATION INFORMATION

1. Mix **TRAFFIKOTE TFK-116 MMA SERIES** with **HARDENER TRAFFIKOTE TFK-116** at mixing ratio A:B = 9 :1 (w/w), using electrical mixer or appropriate method.
2. Apply the mixture on top of the primer coat.
3. Leave it dry for at least 2 hours before the next coat.
4. Good ventilation and air circulation in working area is suggested.

SIMPLIFIED RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP and PRODUCT CODE	MIXING	RECOMMENDED COATING AMOUNT	CURING @ 30 °C.
Substrate: Concrete				
	Grinding 80# followed by cleaning			
1	Primer			
	TRAFFIKOTE TFK-116 MMA series	9	300 gr/m ² for 150 mic thickness	2 hours
	HARDENER TRAFFIKOTE TFK-116	1		
2	Top Coat			
	TRAFFIKOTE TFK-116 MMA series	9	850 gr/m ² for 425 mic thickness	2 hours
	HARDENER TRAFFIKOTE TFK-116	1		
3	Top Coat			
	TRAFFIKOTE TFK-116 MMA series	9	850 gr/m ² for 425 mic thickness	2 hours
	HARDENER TRAFFIKOTE TFK-116	1		
4	Additional Top Coat (for industrial area)			
	EASL-243-2K SF CLEAR	2	70 gr/m ²	14 -18 hours
	HARDENER EASL-243	1		

SAFETY PRECAUTION

This product does not contain formaldehyde or heavy metals. Avoid contact with the skin and eyes. Wear suitable protective clothing such as goggles, masks, and gloves.
For more information, please refer to our safety data sheet

FIRST AID:

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice.
- Ingestion : Provide symptomatic treatment and seek medical advice.
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration.

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.