

Cemkrete TempKote TP

Thermoplastic Road Marking Paint White/Yellow

Innovative products for your success

Description

Cemkrete TempKote TP is long lifespan road marking materials manufactured to conform British, American and Thai standard. **Cemkrete TempKote TP** is a hot melting marking paint product, which manufactured in powder form. To spray **Cemkrete TempKote TP**, heat is use to melt the powder in to liquid form. **Cemkrete TempKote TP** can be use For both type I and type II road marking.

Advantage

- Use in high traffic area
- Various climate change
- Apply by hand or machine
- Use in both type I and type II road marking

Properties

Appearance:	white, yellow
Density:	1.93 g/cm ³
Softening Point:	115°C
Compression strength:	25Mpa (@23°C) 4.4Mpa (@50°C)
Traffic:	3 min.
Luminance factor:	
White	81 min.
Yellow	50 min.
Skid resistance:	55BPN
Flow resistance:	38%
Glass Beads content:	22.5
Abrasion resistance	53.6
(mg 200r/1000g reduce weight)	
Flash Point	220°C

Application

Application of **Cemkrete TempKote TP** requires skills of trained applicator and specialized in equipment. **Cemkrete TempKote TP** is applied by various screed type driving-type, self-propelled, hand-push. The material is heated to an application temperature of 180°C to 200°C with a maximum temperature of 220°C.

Film Thickness and Application of Glass Beads

It is important that the specified film thickness is achieved in order to maximize **Cemkrete GlassBead TP** retention and the wearing properties of the marking.

- drop-on glass beads should applied at the rate of 6~7kg per sq. meter, require a dry film baseline thickness of 1.8 mm and the profile height of 7mm.
- To ensure maximum bead adhesion retention, the beads must be applied immediately after spraying on surface of road, then the marking needs to be protected from traffic until it dries.

Surface Preparation

The road surface to be painted must be dry and free of any grease, oil, dirt, gravel, flaking pavement materials and any loose foreign material. The temperature of the surface should be above 10°C. If the surface has been previously marked or treated (such as the application of curing compounds with concrete) then a compatibility check should be carried out to establish if any surface preparation is necessary. The use of Primer has proven to be successful as a priming coat on surfaces where **Cemkrete TempKote TP** has experienced adhesion.

Standard

Cemkrete TempKote TP is conform to Thai Industrial Standard Institute Standard TIS 542-2530, British 3262 PART 1:1989 and AASHTO M249.

Storage

Store under cover in a dry, cool, ventilation area, protected from moisture. Stock should be rotated and used within 12 months from the date of manufacture.

Packaging

Cemkrete TempKote TP is supply in 25 kg compound-plastic bag.

Additional Information

Cemkrete manufactures a wide range of those complementary products which includes:

- Waterproofing membranes & waterstops
- Joint sealants & filler boards
- Cementitious & epoxy grouts
- Specialized flooring materials
- Fireproof coating and systems
- Concrete admixture
- Repairing material

For further information on any of the above, please consult your local Cemkrete office - as below.

Important Note: Cemkrete warrants its materials free of manufacturing defects and produced as per standard specifications and sold under the terms and conditions of usages, whilst Cemkrete endeavors to ensure that any advice, recommendation, or information, given through its products literatures are reflects of the R&D in-house lab test and practical sites experience and knowledge based feed backs, however, the products are being used under various conditions and applied beyond its control where or how either directly or indirectly at various locations and places at a different stages that of an intended purposes and uses. Therefore, Cemkrete cannot hold warranty or responsible for resultant consequences, such as damages to the property or assets but the product itself.