



V-MARK Road Marking Paint Thermoplastic Material White - Yellow

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- **Product code:** WRP-1 & YRP-1
- Standard conforms to TCVN 8791 : 2011; AASHTO M249-98
- Packing & Size : 25 kg (640mm x 470mm)
- Color: White - Yellow

Description of V-MARK Road Marking Paint Thermoplastic Material

Using in road marking and traffic signals. RP stick to the road surface based on the principle of linking the chemical composition of the paint and the exposed surface molecules, as well as penetrating into the pore and split of the road surface.

Standard of V-MARK Road Marking Paint Thermoplastic Material

Standard conforms to AASHTO M249-98 "AASHTO M249-98 – Standard Specification for White and Yellow Reflective Thermoplastic Striping Material (Solid Form)" and Viet Nam National quality standards "TCVN - 8791 : 2011- Reflective Material thermoplastic road marking paint - Technical requirements, test method, construction and acceptance "

Speciality of V-MARK Road Marking Paint Thermoplastic Material

Heat-resistant and mechanical strength are strong.

With exceptional technical features.

Workability.

Suitable for many road surfaces: concrete, asphalt concrete, brick foundation.

Application range of V-MARK Road Marking Paint Thermoplastic Material

Appropriate for road marking and speed humps in different fields:

- The traffic roads: cement concrete road, asphalt-concrete, brick foundation
- Yard, campus, sidewalks.
- Other areas to be painted white thermoplastic, reflective surface, creating waterproof surfaces.



Technical data of V-MARK Road Marking Paint Thermoplastic Material

No	Analyses Item	Technical requirements	Test Method
1	Colour	White-Y35 Yellow-Y14	ASTM D 6628-03
2	Drying time (2mm thickness markings air temperature 32 ±2°C)	≤ 2 minute	TCVN 2096:1993
3	Luminance	≥ 75%	TCVN 8791 : 2011
4	Heat Resistance	≥ 70%	TCVN 8791 : 2011
5	Softening Point	≥ 85°C	TCVN 8791 : 2011
6	Abrasion	≤ 0.4g after 500 rotation	TCVN 8791 : 2011
7	Specific Gravity	1.9 – 2.2	TCVN 8791 : 2011
8	Adhesion strength	>1.24 MPa	ASTM D4541
9	Glass Bead Content	>25%	TCVN 8791 : 2011
10	Storage time	16 Months	

Manual instruction for V-MARK Road Marking Paint Thermoplastic Material

- Clean the surface carefully before application, ensure no foreign objects, dirt, old road markings, especially absolutely no oil, grease, moist. Environment temperature not less than 15 ° C.
- Needing polyethylene spray primer for cement concrete pavement, asphalt road had been constructed for 6 months.
- Open the packed and leave the paint into cook barrel. The temperature in the barrel does not exceed 200°C. Cooking Barrel must be equipped with mixing parts to stir the mixture during heating.
- Heat and stir until the mixture is completely melted, while controlling avoid overheating leads to painting "Fire" and turn yellow

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