

VINMASTIC®

Hot - applied joint and crack bitumen mastic.

DESCRIPTION

VINMASTIC® is produced from high quality bitumen, modified with polymer, rubber and special agents. It is dark, hot – applied. **VINMASTIC®** meets requirements of ASTM D1190, ASTM D6690 và TCVN 9974.

APPLICATION AREA

- Sealing expansion joints and cracks in concrete and asphalt pavements
- Sealing joints and cracks in concrete slab structures as roof, industrial floor,...
- Repairing cracks in asphalt pavements.
- Waterproofing and protecting concrete and reinforced concrete.

ADVANTAGES

- Bonding well with cement concrete.
- Uniting well with asphalt concrete.
- High resilience.
- Easy to apply.
- High economic efficiency.

INSTALLATION INSTRUCTIONS

Surface preparation:

- Substrate surface must be solid and free from dirt, oil, grease and curing compounds.
- Substrate surface must be dry.

Execution:

- **VINMASTIC®** is melted in $190 \pm 5^\circ\text{C}$ in special equipment or conventional pot.
- Do not heat **VINMASTIC®** exceed 210°C .
- After **VINMASTIC®** is melted it should be agitated or recirculated. Do not blend with other materials.
- Sealing melted **VINMASTIC®** into joint/crack by using a pump equipment or a pouring pot.

Note:

- + Wear full protective clothings during applying.
- + Avoid breathing smoke, vapor of material while it is heating.
- + Using ventilating methods during applying.

CONSUMPTION

Depending on the intended use, for:

- Expansion joint: according to design.
- Crack repair: according to the actual field
- Waterproofing: $1.5 \div 2.5 \text{ kg/m}^2$.

PACKAGE

VINMASTIC is packaged 25kg in carton box.

STORAGE

Store in a dry, cool place.

HEALTH AND SAFETY INFORMATION

- Ecology: According to local law.
- Transportation: Non hazardous.

TECHNICAL DATA

Properties	Specifications				Testing methods
	Type I	Type II	Type III	Type IV	
Cone penetration at 25°C	≤ 90	≤ 90	≤ 90	$90 \div 150$	TCVN 9974:2013
Softening point, $^\circ\text{C}$	≥ 80	≥ 80	≥ 80	≥ 80	TCVN 7497:2005
Resilience, %	≥ 30	≥ 60	≥ 60	≥ 60	TCVN 9974:2013
Flow at 60°C , mm	≤ 5	≤ 3	≤ 3	≤ 3	TCVN 9974:2013
Asphalt Compatibility	Pass	Pass	Pass	Pass	TCVN 9974:2013
Density, g/cm^3	1.15 ± 0.10	1.15 ± 0.10	1.15 ± 0.10	1.05 ± 0.10	TCVN 7501:2005

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