

OASLASTIC 125 Green**Technical Data Sheet**

Flexible and elastic sigle polyurethane paving material

DESCRIPTION

OASLASTIC 125 is a one component moisture-cure paving material. It cures to form a tough, highly elastomeric and impervious membrane. This product is suitable to apply by roller, trowel and spray.

PRODUCT HIGHLIGHTS

- One component product, easy to apply
- Excellent water resistance and water immersion resistance
- It can be applied by a brush, a roller, a trowel and spray.
- Excellent resistance to aging and cracking
- Excellent adhesion

RECOMMENDED USES

- Water proof construction: factories, mansions, barracks, etc.
- Impervious project: external or internal walls, basements.
- Indoor or outdoor floors, waterproof parking lots.
- Indoor or outdoor aisles, square, stadiums waterproof floors etc.

PRODUCT INFORMATION

Viscosity of operation(cp/25 °C)	2000~4000
Recoating interval (25°C 50%RH)	12 hrs above in 2 mm
Curing time (25°C 50%RH)	7 days
Pot life (25°C 50%RH)	Under 90 mins
Specific gravity	1.5±0.03

PHYSICAL PROPERTIES

Property	Results	Test method
Hardness	47±3 A	ASTM D 2240
Tensile strength	35 kgf/cm ² ↑	ASTM D 412
Elongation	500% ↑	ASTM D 412
Tear strength	15 kgf/cm ↑	ASTM D 624

*** Note: Results are based on the temperature of 25°C; relative humidity is below 50% and allowed to cure for 7 days.

PACKAGING & STORAGE

OASLASTIC 112 Green is available in 20 kg.

- The product must be stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between 0°C and +25°C. Higher storage temperatures may reduce shelf life of product.
- Store under cover out of direct sunlight and protect from extremes of temperature.
- Shelf life: 9 months.

Manufacturer:**CHINGTAI RESINS CHEMICAL CO., LTD.**

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Flexible and elastic single polyurethane paving material

APPLICATION METHOD

● **Surface Preparation**

All substrates (new and old) must be structurally sound, dry and free of laitance and loose particles. Clean of oil, grease, paint stains and other adhesion impairing contaminants. Profile mechanically the surface by shot blasting, high-pressure water jetting or other suitable mechanical preparation method. After surface preparation, the pull off value of the substrate should exceed 1 N/mm² (check with an approved pull-off tester). Temperature of the substrate should be minimum +5 °C and maximum +35 °C.

● **Primer**

Suitable primer for using OASPRIMER 138 on concrete. Refer to TDS for application guidelines.

Before the surface application, all detail areas and any singular points like wall-floor connections, chimneys, joints, substrate cracks, penetrations, corners, etc., must be treated.

In some circumstances, other primers may be more appropriate. For further details, please consult your local sales office.

● **Application**

All preparatory work must be completed before application begins. Be certain the substrate is clean, dry, stable and properly profiled. Sealants and pre-striping should be properly cured. Pour the OASLASTIC 125 onto the primed substrate and spread with roller, trowel or spreader (rubber or steel) within the recommended over coating times. Allow curing time of overnight (8-hour minimum). Extend the curing time in cool or dry weather conditions.

● **Top coat**

OASLASTIC 125 does not have sufficient UV and weather resistance to be used in exposed applications without protection. In exposed applications, apply one or two coats of OASLASTIC TC-172. Refer to PDS for application guidelines.

In some circumstances, other top coat may be more appropriate. For further details, please consult your local sales office.

LIMITATION

- Do not apply to wet, contaminated or friable substrates.
- The temperature below 15°C will retard the curing.
- The coverage will depend on the condition of the surface.

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