

OASROOF 700

Liquid applied crack bridging waterproofing membrane for flat roofs and gutters

DESCRIPTION

OASROOF is a liquid & hand applied, crack bridging waterproofing system. It consists of primer, elastomeric polyurethane waterproofing membrane, and a polyurethane top coat. OASROOF is available in a wide range to eradicate the leakage of buildings residential, commercial, hotels, industrial and corporate. The seamless coating has an attractive, UV and weather resistant finish, which gives it durability.

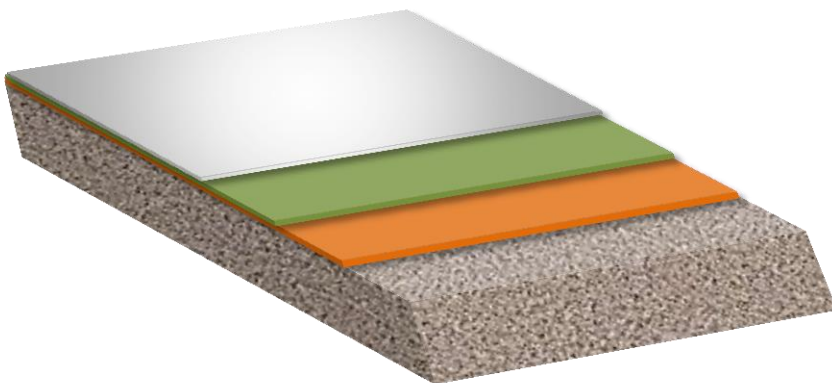
RECOMMENDED USES

- OASROOF is intended for use on exposed roof and gutters, such as residential, commercial, hotels, industrial.
- OASROOF is used for roof waterproofing solutions in both new construction and refurbishment projects.

SYSTEM BENEFITS

- High solid Polyurethane membrane
- Extremely flexibility
- Easy apply and maintain
- Seamless and uniform coat
- Heat reduction in top coat
- Cost effective

SYSTEM for CONCRETE



SYSTEM HIGHLIGHTS

- One-component and cold applied – easy to use
- Weather resistant and color stable



SYSTEM BUILD-UP

- ◆ Finishing layer: **OASLASTIC TC-172**
- ◆ Waterproofing layer: **OASLASTIC 112**
- ◆ Primer: Please refer to the below application
- ◆ Substrate: Concrete

Manufacturer:

CHINGTAI RESINS CHEMICAL CO., LTD.

No. 50, Gong 2nd, Dajia Dist., Taichung City 43769, Taiwan
Version:20200616 JF/RL

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APPLICATION

Substrate preparation

- Porosity and texture of the surface will affect the amount of material necessary for effective treatment.
- The consumption is a guide for estimating total material requirements. Always perform a test area to determine proper application rate.

Layer	Product	Consumption (kg/m ²)
Primer	OASLASTIC 112 + 10% Thinner	0.2~0.3
Alternate	OASPRIMER 138	
Waterproofing layer	OASLASTIC 112	1.4~2.8 1-2 mm (2 coats)
Finishing layer	OASLASTIC TC-172	0.2~0.3

- New concrete should be cured for at least 28 days and should have a pull off strength ≥ 1.5 N/mm².
- Inspect the concrete, including up stands, all areas should be hammer tested.
- The substrate must be clean and free from all traces of loose materials, old coatings, curing compounds, release agents, laitance, oil grease etc. It should be saturated surface dry condition.
- Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.
- All ducts, loose and friable material must be completely removed from all surfaces before application of product; preferably by brush and/or vacuum.
- Repairs to the substrate, filling of joints, blowholes/voids and surface leveling must be carried out using appropriate products.
- All shrinkage cracks shall be treated with **OASEALANT** filling with the crack.

Application of primer

- Prime absorbent surfaces like concrete or cement screed with **OASPRIMER 138** or **OASLASTIC 112+ 10% Thinner** by using a roller or a brush. The consumption of **OASPRIMER** is 0.2~0.3 kg/m² in regular surfaces and for porous irregular surfaces typically allow an extra initial coat of 0.05~0.1 kg/m² if necessary.
- All primers should be coated within 24 hrs or individual data sheets advise to avoid atmospheric or physical contamination.

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Application of waterproofing layer

- Knead the product well ensure the material uniform before opening the packaging bag and using. Pour the **OASLASTIC 112** onto the prepared/primed surface and lay it out by roller, brush or squeegee, until all surfaces is covered.
- After 18~24 hours (not later than 48 hours) apply another layer of the **OASLASTIC 112**, the consumption is 1.4 ~2.8 kg/m² for two coat.

ATTENTION: Do not apply the **OASLASTIC 112** over 1.2 mm thickness (dry film) per layer. For best results, the temperature during application and cure should be between 5°C and 35°C. Low temperatures retard cure while high temperature speed up curing.

Application of finishing layer

- Knead the product well ensure the material uniform before opening the packaging bag and using.
- **OASLASTIC TC-172** is easy to apply by roller. You also can use airless spray allowing a considerable saving of manpower.
- **OASLASTIC TC-172** is a weather resistant and color stable top-coat over the **OASLASTIC 112**. The consumption is 0.2 ~0.3 kg/m².

Application of clean-up

- The products of **OASROOF SYSTEM** can be cleared with solvent like xylene, butyl acetate before fully cured.
- Wear eye protection and use in well-ventilated area. Do not use solvents on skin.

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