

## OASEAL 100

One component, liquid, cold-applied elastomeric waterproofing membrane system for masonry walls, foundations and basements

### DESCRIPTION

OASEAL is a liquid & hand applied and extremely flexibility used for basement waterproofing system. It cures to form a seamless and durable waterproofing solution for the below ground surfaces of concrete and masonry. The structure is protected against water ingress and also against any aggressive substances or influences.

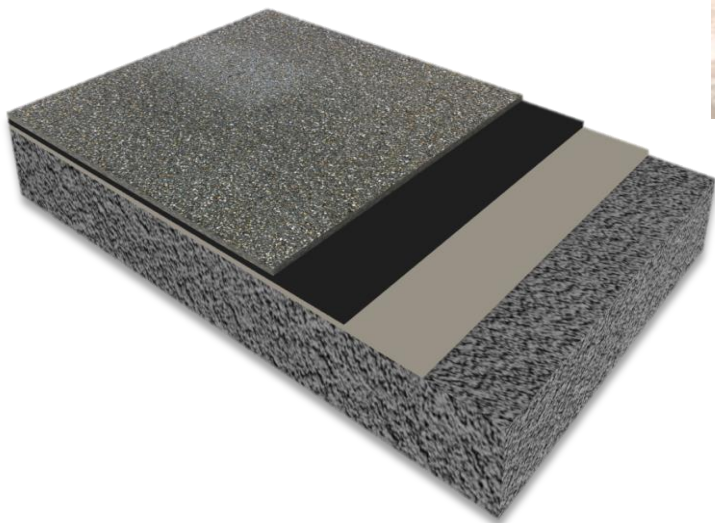
### RECOMMENDED USES

OASEAL is designed for use on masonry walls, foundations, basements, split slab applications and planter.

### SYSTEM BENEFITS

- One component and Easy apply
- Coal tar free
- Tough and extremely flexibility
- Excellent crack-bridging properties
- Cost effective

### SYSTEM for CONCRETE



### SYSTEM HIGHLIGHTS

- One-component and cold applied – easy to use
- Fully-bonded, seamless system
- Excellent crack-bridging properties



### SYSTEM BUILD-UP

- ◆ Finishing layer: **OASPRIMER 138**  
Rough surface with sand broadcast
- ◆ Waterproofing layer: **OASLASTIC 112 Bitumen**
- ◆ Primer: **OASPRIMER 138**
- ◆ Substrate: Concrete

### Manufacturer:

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

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Version:20201028-0847

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## APPLICATION

### Substrate Preparation

All surfaces must be clean, dry, free of voids, curing compounds, loose materials, oil, grease, sealers and determined to be structurally sound before the application of **OASLASTIC 112 Bitumen**.

Layer	Product	Consumption (kg/m <sup>2</sup> )
<b>Primer</b>	<b>OASPRIMER 138</b>	0.2-0.3
<b>Waterproofing layer</b>	<b>OASLASTIC 112 Bitumen</b>	1.4-2.8 1-2mm (2 coats)
<b>Interface- Rough surface</b>	<b>OASPRIMER 138</b> Sand broadcast	0.2-0.4

- New concrete should be cured for at least 28 days and should have a pull off strength  $\geq 1.5 \text{ N/mm}^2$ . 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** by using a roller or a brush. The consumption is  $0.2 \sim 0.3 \text{ kg/m}^2$  in regular surfaces and for porous irregular surfaces typically allow an extra initial coat of  $0.05 \sim 0.1 \text{ kg/m}^2$  if necessary.
- All primers should be coated within 24hrs or individual data sheets advise to avoid atmospheric or physical contamination.

### Application of seal layer

- Knead the product well ensure the material uniform before opening the packaging bag and using. Pour the **OASLASTIC 112 Bitumen** 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 Bitumen**. The consumption of **OASLASTIC 112 Bitumen** is  $1.4 \sim 2.8 \text{ kg/m}^2$  for two coat.

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**ATTENTION:** Do not apply the **OASLASTIC 112** Bitumen 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

- Coat the surfaces of **OASLASTIC 112** Bitumen with **OASPRIMER 138** by roller, brush or squeegee.
- Sand broadcast on the top and ensure the rough surface.

### Application of clean-up

- The products of **OASEAL 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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