

Water based and low VOC coating, flexible polyurethane top coat

DESCRIPTION

OASFLOOR TC-606W is a two-component, water-based and low VOC containing polyurethane resin. It is used as matt finish and top coat when used as a top coat with recommended OASIIS water based protective systems and provides an abrasion, chemical resistant and hard wearing surface with color stability.

PRODUCT HIGHLIGHTS

- Low odor · low VOC
- Excellent weather, aging and yellowing resistance.
- Rigid, excellent mechanical properties and abrasion resistant.
- Excellent water resistance & acid, alkaline resistance.
- Excellent to apply for new substrate
- Possesses aesthetics
- Non-flammable because of water-borne recipe.

RECOMMENDED USES

- Indoor or outdoor floors, wall, car parking lots
- Indoor or outdoor aisles, square, stadiums floors, etc.
- Chemical factory, electronic semiconductor plant
- Food manufacturing, medical processing area
- Healthcare facilities: hospitals, nursing stations, clinics, residential homes.
- Research areas: laboratories, corridors.

PRODUCTION INFORMATION

Composition	0.15 kg/m ² (per coat in 2 coats)
Mixing ratio	6 : 1
Solid content (%)	50 above
Application	Roller
Tack free time(at 25°C)	30 mins
Pot life	1 hr
Re-coating interval	8 hrs above
Full cure (at 25°C)	7 days

*** Coverage will vary according to the nature of the substrate.

*** Porosity and texture of the surface will affect the application and amount of primer for effective treatment.

Manufacturer:

CHINGTAI RESINS CHEMICAL CO., LTD.

No. 50, Gong 2nd, Dajia Dist., Taichung City 43769, Taiwan
Version:20200708-1337 JF/RL

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PHYSICAL PROPERTIES

Property	Result	Test Method
Cross out	≥4B	ASTM D3359
Hardness	≤3H	Pencil
Gloss	Under 20 GU	60° angle on the gloss meter
Impact resistance (cm @ 1 kg)	50 kg · cm	ASTM D2794

*** Note: Results are based on the temperature of 23°C; relative humidity is below 50% and allowed to cure for 7 days.

SYSTEM BUILD UPS

OASPROTECT 1000(Water based protective system)

- Primer **OASPRIMER 202W**
- Finishing layer **OASFLOOR TC-606W**

PACKAGING & STORAGE

- **OASPRIMER 202W** Component A 10 kg
- **OASPRIMER 202W** Component B 2.5 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: See label on the package according to the above conditions.

LIMITATION

- Do not apply to wet, contaminated or friable substrates.
- The temperature below 15°C will retard the curing.
- Thickness cannot be exceeded 1 mm per coat in case to prevent the blister on the surface.
- The coverage will depend on the condition of the surface.

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