

Water based and low VOC, flexible and clear polyurethane top coat

DESCRIPTION

OASFLOOR TC-603W is a two-component, water-based and low VOC containing polyurethane resin. It is used as matte finish, clear seal and top coat. **OASFLOOR TC-603W** provides a abrasion, chemical resistant and hard wearing surface.

PRODUCT HIGHLIGHTS

- Reduce dirt pickup
- Low VOC content
- Water-based
- Very low odor
- Good UV resistance
- Non-yellowing
- Matte finish masking profile
- Clear seal completing decorative system
- Easy to clean

RECOMMENDED USES

Suitable for interior use to seal a variety of OASIIS systems in public and commercial buildings including:

- Healthcare facilities: hospitals, nursing stations, clinics and residential homes.
- Educational premises: pre-schools, schools, colleges, universities.
- Retail spaces: stores, superstores, showrooms.
- Research areas: laboratories, corridors.
- Leisure premises: museums, art galleries, theatres.
- Business facilities: lobbies, passage-ways, offices.

PRODUCTION INFORMATION

Composition	0.15 kg/m ²
Mixing ratio	6.6 : 2
Solid content (%)	55
Theoretical Coverage, kg/m²	0.13
Application	Roller
Tack free time (at 25°C, 55%)	20 mins
Working time (at 25°C, 55%)	1.5 hrs
Re-coating interval (at 25°C)	5 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:20200708-1335 JF/RL

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PHYSICAL PROPERTIES

Property	Result	Test method
Hardness	≤ 2H-3H	Pencil
Gloss	Matt	
Impact resistance	50 Kg · cm	ASTM D2794
Cross cut	4B	ASTM 03359
Abrasion resistance	35 mg	CS17, 1 kg, 1000 rpm
Weather resistance	500 hrs	ASTM G154

*** 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 protect system)

- Primer **OASPRIMER 202W**
- Finishing layer **OASFLOOR TC-606W**
- Finishing clear sealer **OASFLOOR TC-603W**

PACKAGING & STORAGE

- **OASPRIMER 202W** Component A 6.6 kg
- **OASPRIMER 202W** Component B 2 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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