

Chemical resistant, aliphatic polyurea flooring coating

### DESCRIPTION

**OASFLOOR TC-689** is a two-component pigmented polyurea coating. It provides excellent abrasion resistance, chemical resistance, weather resistance, and color retention.

### PRODUCT HIGHLIGHTS

- Cures very quickly to reduce facility downtime
- Excellent abrasion resistance to handle excessive wear
- Excellent UV resistance helps retain color stability and light reflectivity
- Excellent stain resistance for easy cleaning and maintenance
- Low VOC

### RECOMMENDED USES

- Floors exposed to medium traffic and weather
- Where color and UV stability is required
- Industrial manufacturing floors

### PRODUCT INFORMATION

<b>Consumption</b>	0.1-0.15 kg/m <sup>2</sup> per coat
<b>Mixing ratio</b>	1.5:1
<b>Mixing viscosity(cps)</b>	650
<b>Solid content</b>	96 above
<b>Pot life(22 °C / 73% RH)</b>	Under 30 mins
<b>Tack free time(25°C)</b>	Under 25 mins
<b>Full cure(25°C)</b>	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.

### TECHNICAL INFORMATION

Property	Result
<b>Adhesion</b>	5B, Excellent
<b>Hardness(Pencil)</b>	3H
<b>Impact resistance (cm @ 1 Kg)</b>	≥ 70
<b>Mandrel Bend (2mm)</b>	No Cracks,180°
<b>Abrasion resistance(CS-10, 1 Kg, 1000 cycles)</b>	≤ 15
<b>Weather resistance(ASTM G 154, 1000 h)</b>	
<b>Delta E</b>	<1.0
<b>Chalking level (ISO 4628-6)</b>	1

#### Manufacturer:

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

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Version:20210121-1716

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**Salt water test**

No effect

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

### PACKAGING & STORAGE

**OASFLOOR TC-689** Component A .....6kg

**OASFLOOR TC-689** Component B ....4kg

- 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.t.
- 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

- THIS product contains Isocyanates.
- Do not apply to wet, contaminated or friable substrates.
- Thickness cannot be exceeded 0.2 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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