

## OASCOMPACT 2000

Seamless, heavy duty polyurethane based flooring system

### DESCRIPTION

**OASCOMPACT 2000** is a polyurethane based system for the protection of concrete floors subject to high levels of traffic and abrasion. Enhanced flexibility provides excellent impact resistance and reduces the risk of cracking due to substrate movement. It offers a comprehensive portfolio of solutions for a wide variety of applications ranging from industrial floor coverings to slip-resistant flooring. Apart from all their other advantages, **OASCOMPACT 2000** feature durability, seamless design and excellent cleaning.

### RECOMENDED USES

- Logistic areas and warehouses
- Production halls
- Pharmaceuticals clean rooms
- Office and hospital
- Technical areas

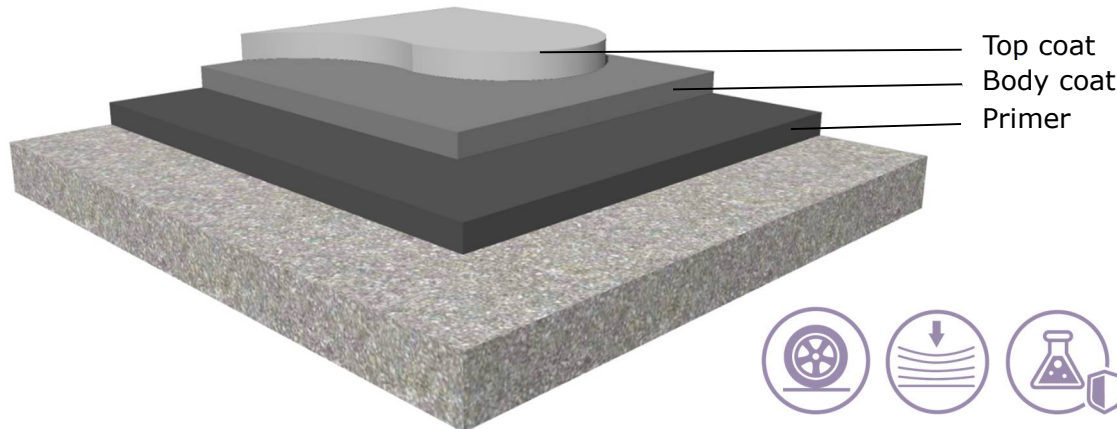
### SYSTEM HIGHLIGHTS

- Flexibility enhances impact resistance
- Low emission
- Sustainable
- Wear resistant

### SYSTEM BENEFITS

- Decorate matt / glossy
- Excellent mechanical properties
- Good chemical resistance
- Seamless
- Easy to clean and maintain

### SYSTEM for CONCRETE



### APPLICATION Total thickness of the system 2.0-3.0 mm

#### High Performance

Layer	Product	Consumption kg/m <sup>2</sup>	Thickness
<b>Primer</b>	<b>OASPRIMER 203</b>	0.3-0.5	
<b>Body coat</b>	<b>OASFLOOR 401</b>	2-2.8	1.5-2.0
<b>Top Coat</b>	<b>OASFLOOR TC- 606W</b>	0.13-0.15 per coat	2 coats
<b>Alternate</b>	<b>OASFLOOR TC-689</b>	0.13-0.15 per coat	2 coats

#### Manufacturer:

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

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### Good Performance

Layer	Product	Consumption kg/m <sup>2</sup>	Thickness
Primer	OASPRIMER 203	0.3-0.5	
Body coat	OASFLOOR 401	2-2.8	
Top coat	OASTOP 271	0.15-0.2 per coat	2 coats

※ Correct substrate preparation is critical for optimum performance.

※ Porosity and texture of the surface will affect the amount of material necessary for effective treatment

※ The consumption is depending on the conditions on site and of the prepared sub-base.

### Substrate preparation

- New concrete should be cured for at least 28 days, structurally sound.  
Substrates to be coated must be firm, dry, load bearing and free of loose and brittle particles and substances, which impair adhesion such as oil, grease, rubber skid marks, previous coatings, laitance or other contaminants.
- Repair and patch voids, shrinkage crack, joints and delaminated areas.
- After the pre-treatment, the bond strength of the concrete must be at least 1.5N/mm<sup>2</sup>.
- The moisture level of substrate must not exceed 10 %.
- The temperature of the substrate must be at least 3°C above the current dew point temperature.

### Application of primer

- Porosity and texture of the surface will affect the application and amount of primer for effective treatment.
- All surfaces which are to be coated with primer must be surface dry, free of contamination such as curing compounds, concrete sealers, bond breakers, paint, etc. All surfaces must be sound.
- Primer 203 is supplied in working packs which are pre-packaged in the exact ratio.
- After thoroughly vacuuming the surface, mix both components with a slow-speed drill for a minimum of 3 minutes.
- Primer to all the properly prepared surface with a paint roller or squeegee at a rate.
- Allow curing time of overnight. Extend the curing time in cool or dry weather conditions.

### Application of body coat

- All preparatory work must be completed before application begins. Be certain the substrate is clean, dry, stable and properly profiled.
- Body coat is supplied in working packs which are pre-packaged in the exact ratio.
- Stir part A with a mechanical drill and paddle at a low speed (ca.300-400 rpm) for 3-4 minutes until a homogenous color is achieved without causing air bubbles before mixing part A and B.
- Body coat is poured onto the prepared substrate and spread with a notched trowel to achieve the desired thickness.

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- Allow curing time of overnight. Extend the curing time in cool or dry weather conditions.

### Application of top coat

- Top coat is supplied in working packs which are pre-packaged in the exact ratio.
- All preparatory work must be completed before application begins. Be certain the substrate is clean, dry, stable and properly profiled.
- Stir part A with a mechanical drill and paddle at a low speed ca.300rpm for 3-4 minutes until a homogenous color is achieved without causing air bubbles before mixing part A and B.
- As a rule, top coat is applied in two coats and allow at least 6-8 hours but no more than 48 hours between coats.
- The application method:
  1. Spread evenly the mixed top coat on the primer using a rubber squeegee and backroll cross-wise.
  2. Allow the first coat to dry until tack-free.
  3. Apply the second coat at right angles to the first. Top coat should be allowed to cure for 24 hours prior to receiving light traffic. Full chemical cure is achieved after 7 days. As with all water based systems, good ventilation and air movement is required to assist curing.

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