OASPROTEC 1000

Polyurethane floor protective coating

Description

OASPROTECT 1000 is a hard wearing polyurethane floor protective system designed for extra chemical resistance, maintenance of concrete substrates and durability. The system is ideal for painting chemical plant, garages, light to medium traffic areas and most other industrial environments requiring a UV stable and easy to clean surface.

RECONDED USES

- Industrial areas
- Warehouses
- Technical rooms
- Production areas

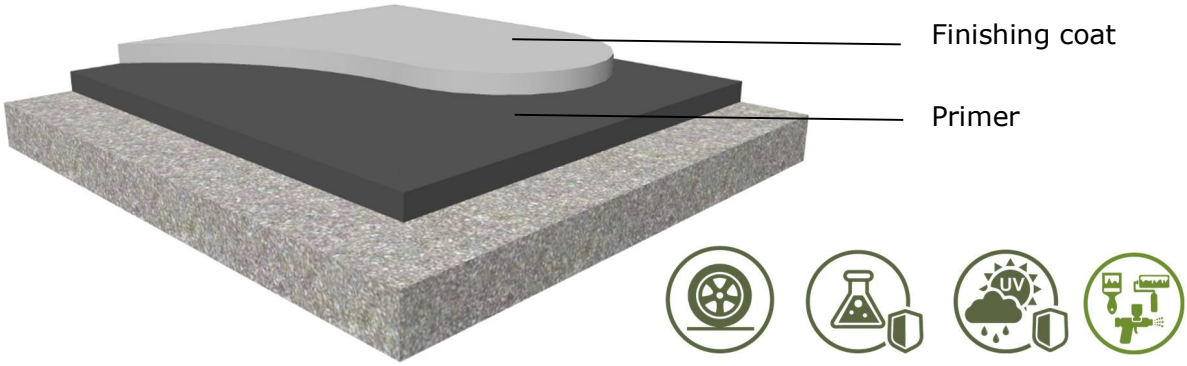
SYSTEM HIGHLIGHTS

- Semi-gloss finish
- Highly durable
- Great chemical resistance

SYSTEM BENEFITS

- Good chemical and abrasion resistance
- Easy application
- Easy to clean and maintain

SYSTEM for CONCRETE



APPLICATION Total thickness < 0.5 mm

Waterborne

Layer	Product	Consumption kg/m²
Primer	**OAS**PRIMER 201W	0.15-0.25
Finishing coat	**OAS**FLOOR TC-606W	0.13-0.15 per coat x 2 coats
Optional	**OASF**LOOR TC-603W	0.13-0.15 per coat x 2 coats

High performance

Layer	Product	Consumption kg/m²
Primer	**OAS**PRIMER 203	0.3-0.5
Finishing coat	**OAS**FLOOR TC 689	0.13-0.15 per coat x 2 coats

Manufacturer:
CHINGTAI RESINS CHEMICAL CO., LTD.
No. 50, Gong 2nd, Dajia Dist., Taichung City 43769, Taiwan E-mail:service@chingtai-resins.com.tw
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Good performance

Layer	Product	Consumption kg/m²
Primer	**OAS**PRIMER 203	0.3-0.5
Top coat	**OAS**TOP 271	0.15-0.20 per coat x 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/mm2 .
- 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.
- After thoroughly vacuuming the surface, apply **primer** to all the properly prepared deck surfaces.
- Water borne primer can be diluted with 5% by potable water.
- Allow the coat of primer to dry until tack-free and recoat the second coat of the primer as pore sealer afterwards.

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.

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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. Good ventilation and air movement is required to assist curing.

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