

Polyurethane waterproofing flooring material

DESCRIPTION

OASFLOOR 830 is polyurethane flooring material specialized by a fast curing characteristic. It is begun by reacting polyol with modified MDI. It cures to form a flexible elastic, waterproof, abrasion resistance, high mechanical strength. **OASFLOOR 830** is ideal for areas that required long-lasting waterproof and abrasion resistance flooring system.

PRODUCT HIGHLIGHTS

- Excellent elasticity, flexibility and comfortable to walk on.
- Highly impermeability, waterproofing and acid rain resistance.
- Abrasion resistance and long-term durability.
- Fast reaction, easy to application and can reduce the application time.
- Excellent weather resistance, aging resistance and low maintenance cost.
- 100% solid content, safe to use.

RECOMMENDED USES

- Indoor and outdoor parking lots and roofs.
- Flooring for warehouse, electronic component factories, food production factories and pharmaceutical production floors etc.
- Flooring for highly foot traffic areas such as department store and supermarket.
- Flooring for office, equipment room, computer room, classroom and hospital etc.

PRODUCTION INFORMATION

Mixing ratio	A:B = 10 : 7
Solid content	99% above(mixed)
Specific gravity	1.15 ± 0.1
Viscosity(cps / 25°C)	4000 ± 1000(mixed)
Pot life	10~20 mins / 25°C
Tack Free time	2~3hrs / 25°C
Full cured	4~8 days
Recoat time	4~48hrs / 25°C
Coverage	1.2kg /m ² (1mm thickness)
Thinner	Do not dilute with any thinner
Shelf life	12 months
Application temperature	Applied between 10°C~35°C is recommended
Loading time	48hrs / 25°C

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

Manufacturer:

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OASFLOOR 830

Technical Data Sheet

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

PHYSICAL PROPERTIES

Property	Specification	Result
Specific gravity	1.12	1.12
Hardness (Hs)	ASTM D2240	65
Tensile strength(kgf/cm ²)	ASTM D412	55
Tear strength(kgf/cm)	ASTM D624	22
Elongation(%)	ASTM D412	240
Abrasion resistance(g) CS-17 /H-18 , 1kg , 1000cycles	ASYM D4060	0.9

*** 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

OASDECK 2000(Medium to heavy traffic)

- Primer **OASPRIMER 203**
- Membrane **OASLASTIC 850**
- Wear layer **OASFLOOR 830**
- Finishing layer **OASTOP 271**

PACKAGING & STORAGE

Component A: 10 kg

Component B: 7kg

- 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

- The coverage will depend on the condition of the surface.
- All tools and equipments can be cleaned up by PU thinner.
- Substrate temperature must be about 3 degree C(dew point).
- Mix the main agent and hardener thoroughly by the mixing ratio is recommended.
- Hardener must be stored in tightly sealed containers after use.

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