

weber.dry PUR coat traffic



Polyurethane based waterproof top coating, UV light resistant and able to sustain vehicle traffic.

Technical Data Sheet

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Description

weber.dry PUR coat traffic is a waterproof coating as a colorful top coat, able to sustain vehicle traffic, semi-hard, durable color, UV light and weather resistant, single component, polyurethane aliphatic based that can be used as a top coat for waterproof coating protection, exposed to weather and vehicle traffic.

Advantages

- Easy application (roller and airless spray).
- Single component.
- Abrasion resistant.
- Durable color and UV light resistant.
- Produce a surface with glossy finish and easy to clean.
- Water resistant.
- Frost resistant.
- Able to maintain the mechanical property within temperature range -40°C until +90°C.
- The surface can sustain car traffic.

Application

Combined with **weber.dry PUR seal**.

- Waterproof coating on the deck and pedestrian pathway.
- Waterproof coating on pedestrian area.
- Waterproof coating on the outdoor parking area.
- Waterproof coating on the surface at opened area and passed by vehicles.
- Applied on top of **weber.dry PUR seal**, on the surface that is passed by pedestrian (like stadium stand) and surface that is passed by light car traffic (like outdoor parking area).

Application Substrate

weber.dry PUR seal.

Limitation of Application

Maximum moist level of the substrate should not be more than 5%.

Application Properties

Mix **weber.dry PUR coat traffic** evenly before the application. Apply one or two layers of **weber.dry PUR coat traffic** using roller or airless spray. Let it dry for 3 – 6 hours (not more than 36 hours) between two layers.

Technical Data

- Composition : Polyurethane Aliphatic
- Service Temperature : -40°C until +90°C
- Bonding strength with **weber.dry PUR seal** : >2 N/mm²
- Elongation at break : > % 100 (DIN 527)
- Hardness (Shore D Scale) : 30 (ASTM D 2240)
- Tensile strength : > 5 N/mm² (DIN EN ISO 52455)

Remarks

- ATTENTION: **weber.dry PUR coat traffic** must always be used on top of **weber.dry PUR seal**, where has been sprinkled with oven-dried silica sands or corundum (corn seed sized 0,1 – 0,3 mm or 0,4 – 08 mm) that creates adhesion bonding. With

silica sand at the finish coat of **weber.dry PUR seal**, the surface become harder and more resistant towards weather

Substrate Preparation

- Thorough substrate preparation is essential for durability and optimum finishing. That surface must be cleaned, dry and stable, free from any contamination, which can affect the adhesion of membrane.
- Minimum adhesion strength is 0,7 MPa. New structural concrete needs to cure at least 28 days. The existing weak surface, dirt, grease, oil, organic substance, and dust need to be removed using grinder. The tendency of serrated surface portion must be flattened. On the weak surface and debris need to be cleaned thoroughly.
- **WARNING:** do not spray with water. If water puddle is formed on the surface where weber.PUR system is applied, it should be cleaned thoroughly to avoid the growth of mold and biological organism.

Application Condition

- Substrate and ambient temperature should be between +5°C and +35°C.
- Avoid the application during humid and/or too hot weather.
- Do not apply on the frozen substrate.

Application

Before the application, **weber.dry PUR coat traffic** must be mixed evenly and applied using roller or airless spray on the surface that has been applied with **weber.dry PUR seal**.

Consumption

400 - 500 gr/m² within 2 layers. This coating is based on the application using roller on the surface that is flat and in optimum condition. Factors like porous surface, temperature, humidity, application method and finishing requirement can change the consumption.

Packaging

20 kg of metal pile.

Color

Gray.

Application Tools

Roller or sprayer

Storage Time

9 months after the production date in dry and free from moist. Store room temperature must be between +5°C and +30°C. Packaging must always be sealed when it is not used. The packaging should be kept away from frost.