

PUTS-601-2K SB



PU TOP SEAL EKSTERIOR

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PRODUCT DESCRIPTION

POLYFLOOR PUTS-601-2K SB is a two component solvent-based, polyurethane floor coating designed to withstand exterior conditions.

FIELDS OF APPLICATION

- Exterior parking lot
- Gasoline station
- Drop off area
- Pedestrian track

PRODUCT FEATURES

- Excellent exterior durability (QSUN 1000 hours)
- Good abrasion resistance
- Easy to apply
- Smooth, satin finish
- Easy to clean
- Good solvent resistant

PRODUCT SPECIFICATION

| | | | |
|--|--|-----------------------|--------------------------|
| Type | : Two components solvent-based, polyurethane | Component A | Component B |
| | | PUTS-601-2K SB | HARDENER PUTS-601 |
| Color | : As shown in the color card | | Clear liquid |
| Material consumption | : 0.20 Kg set/m ² for 100 micron DFT | | |
| | Recommended application 100 micron DFT (50 micron each coat) | | |
| Drying time (@ 30°C) | : | | |
| 1. Surface dry | : 30 minutes | | |
| 2. Hard dry | : 12 hours | | |
| 3. Open traffic | : 24 hours for light traffic and 3 days for heavy traffic | | |
| Packaging | : 1 and 5 Kg-set | | |
| Storage stability | : Two years in cool and dry storage (above freezing point) and in original unopened box. | | |
| Mixing ratio by weight | : Comp A : B = 4 : 1 w/w | | |
| Pot life (@30°C) | : 30 minutes | | |
| Application method | : Rubber Squeegee followed by short hair roller | | |
| Substrate | : Concrete, asphalt. | | |
| Application viscosity | : Ready for Use | | |
| Re-coating interval | : 5 hours until 3 days | | |
| Application condition | : T = 25-35 °C, RH = maximum 80% | | |
| Provide adequate ventilation during application and drying | | | |

FILM PROPERTIES

| Item | Result | Standard Test |
|---------------------|--|---------------|
| Bonding Strength | : > 2.5 N/mm ² , concrete failure | ASTM D4541 |
| Abrasion resistance | : 27 mg loss per 1000 cycles (500 g load using CS17 wheels) | ASTM D4060 |
| Adhesion | : 5B | ASTM D3359 |
| Gloss level | : 20-30% | ASTM D523 |
| Mohs Hardness | : 3 | ASTM C1895 |

**all properties tested using panel that has been cured for at least 28 days @ 30°C*

OTHERS

| | |
|----------------------|--|
| Shelf life | : 24 months. |
| Storage and handling | : Store at maximum temperature 35°C. If store under elevated temperature will shorten the shelf life. Avoid from heat and direct sunlight. |

SURFACE PREPARATION

Make sure that compressive strength of floor structure as good as project design requirement. Surface must be structurally sound, clean, and free from loose particles, excessive oil, grease, and other contaminants. Clean excessive oil, grease and wax using scrubbing method by industrial grade detergent or degreasing compound followed by vacuum cleaning to remove all particle dirt. Moisture content of the substrate should be less than 4%. Higher moisture content will need additional treatment before applying this product. Consult our representative to select the right system for your needs.

APPLICATION INFORMATION

1. Mix **PUTS-601-2K SB** with **HARDENER PUTS-601** at mixing ratio A:B = 4:1 (w/w), using electrical mixer or appropriate method.
2. Apply the mixture on top of the primer/body coat.
3. Leave it dry for at least 5 hours, before applying the next coat.
4. Good ventilation and air circulation in working area is suggested.

SIMPLIFIED RECOMMENDED COATING SYSTEM

| No. | APPLICATION STEP and PRODUCT CODE | MIXING | RECOMMENDED COATING AMOUNT | CURING @ 30 °C. |
|---|-----------------------------------|--------|--|-----------------|
| Substrate: Concrete | | | | |
| | Grinding 80# followed by cleaning | | | |
| 1 | Primer | | | |
| | PFP-221-2K SF BODY COAT | 7 | 900 gr/m ² for 500 mic DFT | 12 hours |
| | HARDENER PFP-221 | 1 | | |
| <i>*primer can use different series such as PFP-241-2K SB, PFP-251-2K SF, Consult our representative to select the right system for your needs.</i> | | | | |
| 2 | Top Coat | | | |
| | PUTS-601-2K SB | 4 | 100 gr/m ² for 50 mic DFT | 5 hours |
| | HARDENER PUTS-601 | 1 | | |
| 3 | Top Coat (second layer) | | | |
| | PUTS-601-2K SB | 4 | 100 gr/m ² for 50 mic DFT | 5 hours |
| | HARDENER PUTS-601 | 1 | | |

SAFETY PRECAUTION

Avoid contact with the skin and eyes. Wear suitable protective clothing such as goggles, masks, and gloves. For more information, please refer to our safety data sheet.

FIRST AID:

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice.
- Ingestion : Provide symptomatic treatment and seek medical advice.
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration.

DISCLAIMER

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