

## WHITECHEM PU FP 351

### 1 – PRODUCT DESCRIPTION

Whitechem PU FP 351 is a polyurethane based, two component, solvent free, self leveling product which used for filling gaps in the surface of SBR rubber and EPDM rubber. It is developed for horizontal applications.

### 2– FEATURES

- VOC free, odorless
- Self leveling
- Waterproof
- Easy application
- It provides permanent elasticity
- High adhesion force
- Resistant to moisture and weather conditions
- Reduces the consumption of coating material

### 3– APPLICATION AREAS

- Used in sports ground applications, to fill the rubber granule pores before applying polyurethane coating on cast and roll rubber
- To prepare the floor for the application of polyurethane coating and to decrease the coating consumption.
- Used to smooth uneven ground in concrete floor applications.

### 4 – SURFACE PREPARATION & APPLICATION PROCEDURE

**Application :** Application surface should be thoroughly cleaned, dried and surface should free from oil, grease, fuel, paraffin, silicone and other residues. Component A is thoroughly mixed with a low speed (300-400 rpm) mechanical mixer . Component B is added to component A and mixed with the help of mixer until it reaches a homogeneous mixture for 2-3 minutes and it is spread to the ground with the help of a flat comb or spatula. It prepare the surface for the application of polyurethane coating by filling the rubber granules gaps. It can be applied by comb, trowel or spatula. Recommended application temperature range varies between +10 °C to +35 °C.

### 5– RECOMMENDATION AND LIMITATIONS

- Do not apply on surfaces that are damp, wet or covered with frost.
- Do not dilute with water, solvent etc.

### 6- CLEANING

Tools can be cleaned with solvent while still wet. Once cured, the material can only be removed mechanically.

### 7- PACKAGING

24 kg packs ; Component A: 20 kg and Component B: 4 kg

6 kg packs ; Component A:5 kg and Component B: 1 kg

### 8- SHELF LIFE & STORAGE CONDITIONS

Can be kept for 12 months in the original unopened pails in dry places at temperatures between 5°C and 30°C. Once the tin has been opened, the product must be used immediately. Do not expose to direct sunlight. When not in use, the packages should be tightly closed. Packages must be protected from freezing.

### 9- SAFETY

Refer to SDS sheet prior to use

### 10- TECHNICAL FEATURES

	METHOD	DATAS
<b>Chemical structure</b>		Polyurethane based
<b>Mix ratio</b>		5:1 (A:B by weight)
<b>VOC content (%)</b>	ASTM D1259	0
<b>Solid content (%)</b>	ASTM D2697	100
<b>Mix density (gr/cm<sup>3</sup>)</b>	ASTM D792	1,5 (23°C)
<b>Pot life (min)</b>	--	50-60 (23 °C %50 R.H.)
<b>Light traffic time (hr)</b>	--	24
<b>Full cure time (day)</b>	--	7
<b>Pull off strength (N/mm<sup>2</sup>)</b>	ASTM D 4541	Concrete: ≥1,5
<b>Application temperature (°C )</b>	--	10-35
<b>Substrate temperature (°C )</b>	--	10-35

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