



## TECHNICAL DATA SHEET

### Pro Builders PB-101 WHITE One Component Polyurethane Waterproofing Coating

#### PRODUCT

**PB-101 WHITE One Component Polyurethane Waterproofing Coating**

#### DESCRIPTION

**PRO BUILDERS PB-101** is aliphatic, high-performance polyurethane top coating. This product has waterproofing, wear and weather resistance characteristics. PRO BUILDERS PB-101 is long-lasting waterproofing, aesthetics high quality coating material. This product is suitable for all types of external wall where waterproofing and non-sagging are required. It can be applied by rollers, brushes or airless spray equipment.

#### FEATURE

- ✚ Excellent elasticity, flexibility, high elongation and anti-cracking.
- ✚ Excellent adhesion, waterproofing and acid rain resistance.
- ✚ Excellent UV resistance
- ✚ Easy application
- ✚ Excellent weather and aging resistance
- ✚ Preventing and repair cracking of wall

#### USAGE

- ✚ Waterproofing coating for indoor and outdoor walls.
- ✚ Waterproofing and heat-proofing coating for external walls.
- ✚ Waterproofing and heat-proofing coating for roofs
- ✚ Waterproofing and heat-proofing coating for parapet walls.
- ✚ Waterproofing coating for weather and dirt resistance of external wall.
- ✚ Aging resistance to concrete.

#### PACKAGING AND STORAGE

20KG/ Plastic pail (10kg x 2)

Store in original containers, under dry conditions and a temperature between 15-25°C. Direct sunlight and frost must be avoided. Storage: See label on the packaging shelf according to above conditions.

#### PERFORMANCE DATA

Solid content : 75% ↑  
Viscosity : 500 ~ 1,000 cP/25°C  
60Gloss : 55~85 GU (Glossy)

Hardness : 85 – 90 Shore A  
Tensile Strength : 150 kgf/cm<sup>2</sup> 7 days  
200 kgf/cm<sup>2</sup> 14 days  
Elongation at break : 180% 7 days  
150% 14 days  
Chemical resistance : Acid, alkali and salt resistance  
Solvent resistance  
Salt-fog resistance  
Working time : 3 hrs ↑ / 25°C  
Tack free time : 3 hrs ↓ / 25°C  
Full cure : 7 days / 25°C  
Recoat interval : 6 hrs ↑ / 25°C  
Coverage : 0.3kg/m<sup>2</sup>  
(200 um, One coat)

Application : Roller, brush and spray

\*\*\*Note: Result are based on the temperature of 25°C; relative humidity is below 50%±5 and allowed to cure on constant temperature and humidity for 7 days.

#### LIMITATION

- ✚ Do not apply to wet, contaminated or friable substrates. Applying to primer for interface, if necessary.
- ✚ The temperature below 15°C will retard the curing
- ✚ Thickness cannot be exceeded 1mm per coat in case to prevent the blister on the surface.
- ✚ The coverage will depend on the condition of the surface.
- ✚ The storage temperature at 25°C. Shelf life is one year.