PROTECH PT-3000

Polyaspartic flooring



PROTECH PT-3000 Transparent is a non-yellowing-type polyaspartic flooring paint that has excellent hardness and strength of the coating, has less discoloration due to UV, and is manually painted such as brushes and roller without dedicated spray equipment. The coating is strong, glossy, abrasion resistant, and water resistant, so it is a pure urea paint suitable for floor coating.

Usage	Paint for finishing concrete structures, interior flooring, etc.

Specification

Paint type	Polyaspartic flooring (2-Component)

Drying time

Category	5℃	20℃	30℃
Set-to-touch(hrs)	-	3	2
Dry-through(hrs)	-	12	10
Pot life(minutes)	-	30	20

Above drying time have been measured under laboratory conditions and may vary depending on the construction site.

Thinner	DR-700L if required		part A	part B	Mixture
Specific gravity	approx. 1.0 (mixture)	Solid content(wt%)	87	65	76
Theoretical Coverage	0.4 kg/㎡ (0.3 ㎜)	Solid volume ratio	approx. 73%		
Colour	Clear	Thickness of dried film	0.3 ㎜		
Mixing ratio	A / B = 1:1 (Volume & weight ratio)	Flash point	-		
Shelf life	12 months (5~35℃ indoor storage)	Packaging unit	36L Kit & 7L Kit		

Product Properties (Physical Property Data)

Adhesion	600 psi (substrate ruptures)	Hardness	Shore D 75 ± 5
Abrasion Resistance	< 30㎎ (ASTM D4060 CS17/1000cycles/1000g)		

How to Use

Surface treatment	1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated. 2. Cure concrete for at least 28 days at a temperature of 21℃ and a relative humidity of 60%. 3. Remove the protruded parts using a grinder. Cracks on the surface should be repaired before coating.
Coating Conditions	1. Atmosphere Temperature: 5~35℃, Surface Temperature: 40℃ or below, Relative Humidity: 80% or less
Coating Method	▷Primer : Cleanpoxy primer (It may vary depending on the substrate) ▷Intermediate coating: epoxy clear flooring etc. ▷Top coat : PROTECH PT-3000

NOROO
Epoxy