



XPS POLYTOP 100 FAST-CURE POLYASPARTIC

Product Introduction

XPS Polytop 100 is a two-component solvent free polyaspartic cured by polyaspartic resin and aliphatic isocyanate. It's a fast curing and self-leveling polyaspartic with non-yellowing, anti-scratch, weather-resistant properties, etc.

Product Features

- Solvent-free, non-toxic and environmental protection
- Good compressive strength and impact resistance
- No yellowing, good abrasion resistance
- Fast curing, quick dry, time saving

Application

It is mainly designed to be used in occasions with polyaspartic & epoxy flooring system as topcoat polyaspartic in metallic flooring, flake flooring and various art flooring coatings.

Physical Parameters

Main Agent	Hardener
Appearance: Colorless Transparent Liquid	Appearance: Colorless transparent liquid
Viscosity 25°C: Ca.400	Viscosity 25°C: Ca.50
Specific gravity 25°C: 1.08±0.02	Specific gravity 25°C: 1.12±0.02
Solid content: 98±2%	Solid content:100%

Physical Properties After Curing

Paint appearance	Normal
7 days Hardness	HB
Abrasion (CS17 wheel 750g, 500 rpm)	20
Elongation at break (%)	35
Tensile strength (MPa)	20
Concrete adhesion (Mpa)	2.2
Impact resistance (1000g, 1m)	Pass

Construction Parameters

Blend ratio Roll Coating: A:B = 1:1 mass ratio

Application time

Temperature (°C)	10	20	30
Pot life (min)	20	15	10

Construction dosage: about 0.2kg/m²





Construction conditions

Ambient temperature: 0°C-3°C5, **Ambient humidity:** ≤85%

Substrate temperature: must be greater than the air dew point temperature 3 °C or more

Cleaning agent: polyaspartic polyurea standard thinner

Drying time and painting interval

Temperature(°C)	20
Surface Dry(mins)	40
Tack Free (hrs)	2

The above data is for guidance only. The actual drying time/interval time before coating can be longer or shorter depending on the film thickness of the coating, ventilation condition, temperature and humidity, etc.

Surface Treatment

- Rinse off salt and other water-soluble dirt with water.
- Remove grease and oil with appropriate cleaners and degreasers.
- Concrete substrate must be ground and cleaned thoroughly.
- Pay attention to the coating interval with the primer during construction.

Storage Condition

Storage time: Paint: 1 year

Curing agent: 1 year

Storage temperature: 5°C-35°C

Packaging Specification

Paint: 20KG

Curing agent: 10KG

Security Measures

- Avoid contact with skin and eyes.
- If the paint comes in contact with the skin, it should be cleaned with an appropriate cleaning agent. If paint comes into contact with eyes, use plenty of water to flush and seek immediate medical attention.
- Ensure good ventilation.
- The paint contains combustible substances. Please keep away from sparks and do not smoke in the adjacent work area.
- Comply with all health and safety regulations on site.

Statement

The information provided in this product specification is based solely on our knowledge gained in the laboratory and in practice. However, since use of the product is usually beyond our control, so we only give a guarantee of the quality of the product itself. We reserve the right to amend the specification by prior notice.

