

RF-285



Plas Guard PLA-751

1 Decorative coating
2 PLA-751



PLAS GUARD PLA-751

This clear poly-aspartic polyurea-based sealer provides robust surface protection and treatment. It creates a durable, UV, weather, mild chemical, and abrasion-resistant film, enhancing surface strength and preventing moisture infiltration. Applicable with a roller, brush, or spray gun, it exhibits high gloss and excellent adhesion on diverse surfaces, including concrete, wood, clay tile, sandstone, and natural stone. Versatile in its use, it can be applied to substrates such as MDF, plywood, and plastics. This sealer is ideal for safeguarding interior decor in kitchens, bathrooms, and for crafting countertops, tea/coffee tables, and more. It also serves well for both interior and exterior walls and floors.

FEATURES

- Excellent waterproof
- Excellent adhesion
- Good leveling and high gloss
- Durable and long lasting
- Weather and UV resistance
- Water and mild chemical resistance
- Low VOC
- Non-Toxic

Coverage: approx. 15 - 20 m²/set 2kg./coat (thickness 100 microns)

Unit Size: 2 kg./set, 7 kg./set

Storage: Store in a dry place with shelf life 1 year in the original unopened packing

TECHNICAL DATA	RF-285 PLASGUARD PLA-751
Base	: (A) Polyaspartic (B) Isocyanate
Appearance	: (A) Slightly cloudy liquid (B) Clear liquid
Density (ASTM D1475)	: (A) 0.90 - 1.00 g/cm ³ (B) 0.90 - 1.00 g/cm ³
Mixing ratio	: 1:1
Bucket life	: 60 min
Drying time, Surface dry - Hard dry (TIS285-9,10)	: 30-60 min
Gloss 60° (TIS 285-17)	: 60 - 70
Crosscut adhesion, 5x5 (ASTM D3359)	: 5B
Pencil hardness, Marked - Broken (ASTM D3363)	: H - 2H
Bending test, Ø 2 mm. (ASTM D522)	: Pass
Impact test (ASTM D2794)	: > 4.9 N.m
Wet abrasion scrub resistance @ 6,000 times (ASTM D2486)	: Good
Water resistance @ 400C x 10 days (TIS 285-22)	: Good
Alkali resistance @ Satd.Ca(OH) 2 x 144 hrs. (TIS 285-23)	: Good
Elongation, 7 days @DFT 50 microns (ASTM D522 B)	: 50%

