



CL 9902 POLYURETHANE COATING (GLOSS)

DESCRIPTION

CL 9902 Polyurethane Coating (Gloss) is a high performance, two components polyester urethane coating. Design as a finishing coat to resist chemical, ultra violet and abrasion. It is suitable for use on a wide range of substrate with varying service requirements

AREA OF APPLICATION

- ✓ Assembly plant
- ✓ Pharmaceutical
- ✓ Laboratories
- ✓ Clean rooms
- ✓ Car park floor
- ✓ Hospital clinics
- ✓ Chemical factories
- ✓ Food processing plant

KEY BENEFITS

- ✓ Attractive: Outstanding gloss
- ✓ Resist to chemical and ultra violet well
- ✓ Versatile: May be applied over most primed substrate.
- ✓ Ultimate in protection and decoration.
- ✓ Excellent abrasion resistance.
- ✓ Hard wearing: Recommended for use in vandal/graffiti prone areas.
- ✓ Color retention
- ✓ Good flexibility

TECHNICAL DATA

Compressive Strength (JIS K7208)	> 50 MPa
Bond strength (JIS K5600)	> 2 MPa
Abrasion resistance (JIS K5600)	< 45 mg
Hardness (Pencil) (ASTM D3363)	2H
Service Temperature	Up to 100oC
Number of coats	2-3 coats
Coverage (kg/m2/coat)	0.1-0.25
Finish	Gloss/Matt/ Satin

APPLICATION PROCEDURES

Mixing: Stir each component separately using a slow speed electric drill fitted with a paint mixer or a wing type mixing paddle and continue to mix for 2-3 minutes and until homogeneous before use. As the Part B is highly sensitive to moisture. It is advisable to use entire content once opened.

Application: Immediately after mixing, spread using a squeegee and or roller and allow to dry for minimum 4-6 hours before 2nd application.



Application method: Apply CL9902 Polyurethane Coating by airless or conventional spray, squeegee, roller and or brush and within its pot life (45 min at 23oC).

Thinning: can be thinned up to 10%.

Drying time: 6 – 8 hours for light traffic and 7 days for full cured to resist chemical.

STORAGE AND HANLING

Storage: Keep container closed, store in a dry, cool, well-ventilated area and away from heat and fire.

Handling: Handle with care. Stir well before use.

HEALTH & SAFETY

- ✓ May cause irritation when exposed.
- ✓ Avoid breathing the mist.
- ✓ Avoid skin and eyes contact. Wash the contaminated skin with soap and water in case of skin contact.
- ✓ Wear all appropriate Personal Protective Equip-ment (PPE) during application. In case of eyes contact, flush the contaminated eye(s) with water and seek medical attention immediately.
- ✓ Obtain medical attention in case of ingestion.