YT-6153 Protective Coating Waterborne Polyurethane Dispersion

OVERVIEW

YT-6153 is a self-developed anionic aliphatic waterborne polyurethane dispersion. The eco-friendly emulsion is free of formaldehyde, NPEO, heavy metals, PAHs and DMF. It forms smooth films with excellent scratch and abrasion resistance for protective coatings on metal, glass and wood surfaces.

KEY SPECS

Appearance	Semi-transparent liquid	**Solid content**	31 ± 1%
pH value	6.0 – 8.0	**Pencil hardness**	HB
Viscosity (25 °C)	≤ 300 mPa·s	**Water absorption (24 h, 25 °C)**	4 – 5%

KEY FEATURES

- ✓ Eco formula free of formaldehyde, NPEO, heavy metals, PAHs and DMF
- ✓ Smooth films with excellent scratch and abrasion resistance

APPLICATIONS

- ✓ Metal surface protective coatings
- ✓ Glass surface protective coatings
- ✓ Wood surface protective coatings

APPLICATION NOTES

For higher water resistance, add approximately 1–5% crosslinker; mix the two components thoroughly before use. Do not mix with adhesives of a different nature. Compatible with other YotoChem anionic polyurethane grades.

STORAGE

Store at 5–30 °C; avoid freezing, high temperatures and direct sunlight. Shelf life 12 months. Packaging 50 kg / 120 kg plastic drum