

POLYUREA COATING SYSTEMS

Choose by exposure, mechanical duty and service conditions - with SPRACO assistance.

SPRAY-APPLIED POLYUREA

Fast-curing · seamless · highly wear-resistant protective coating

Best-fit guidance is based on published manufacturer data and is not a quality ranking.

Manufacturer / system	Best fit	Why it fits	Typical dry-film thickness
LINE-X XS-350	Wastewater Chemical exposure Tank linings	Pure aromatic polyurea positioned for chemical damage, impact, abrasion and moisture. Widely used by LINE-X in wastewater and industrial lining projects.	2.0-3.2 mm*
Synthesia Urespray P-500	Waterproofing Concrete Roofs / parking	Pure polyurea with >350% elongation and rapid cure. Designed for seamless waterproofing of concrete and building structures.	min 1.6 mm 2.0 mm recommended
VersaFlex VF-380	Secondary containment Liners Moving substrates	Ultra-low shrinkage and very high elongation (552% in TDS). Resilient lining for concrete, steel, foam and geotextile.	Steel 1.5-2.0 mm Concrete 2.0-2.5+ mm
Rhino Linings Extreme 21-50	Impact Heavy loads Difficult site conditions	Pure polyurea with strong abrasion and impact resistance. Robust application window where low temperature or humidity are difficult to eliminate.	typically min 1.5 mm
SWD Urethane STWD9009	Outdoor exposure Corrosion protection Colour stability	Aliphatic polyurea with UV/colour stability plus waterproofing, wear and anti-corrosion performance for exposed applications.	1.0-3.0 mm recommended

Choose by project requirements - with SPRACO assistance

Tell us the substrate, exposure, mechanical duty and required protection.

SPRACO checks current manufacturer documentation and proposes the suitable system and application build-up.

SUBSTRATE

concrete · steel · other

EXPOSURE

water · chemicals · exterior

DUTY

abrasion · impact · traffic

PROTECTION

corrosion · waterproofing · containment

Send us 4 project inputs — we will propose the material system

1 Substrate

concrete / steel / other

2 Exposure

water / chemicals / exterior

3 Duty

abrasion / impact / traffic

4 Protection

corrosion / waterproofing / containment

Need a recommendation?

SPRACO can provide the current TDS / SDS and relevant system documentation before project approval.

* LINE-X thickness shown from published XS-350 tank / wastewater lining case studies; final dry-film thickness is project-specific.

Thickness values are manufacturer recommendations or published application build-ups and are not directly comparable across systems.

Source basis: current public manufacturer product pages / TDS for LINE-X, Synthesia, VersaFlex, Rhino Linings and SWD; accessed Aug 2026.