

LORD® Two-Component Urethane Adhesives

Features and Benefits

LORD Urethane Adhesives are two-component adhesive systems used to bond a variety of materials including cloth, paper, plastics, primed metal, foam, rubber and more.

Non-Flammable

Does not require explosion-proof equipment.

Environmentally Recommended

Does not contain ozone depleting chemicals.

Environmentally Resistant

Resists sunlight*, weathering, humidity and salt spray.

Chemically Resistant

Solvent resistant when cured. Painting and most cleaning processes do not affect bond strength.




* LORD 7550, 7555 and 7556 adhesives are resistant to sunlight, and are non-yellowing.



LORD[®] Two-Component Urethane Adhesives

Technical Data[†]

PRODUCT	DESCRIPTION	COMPONENT	MIX RATIO BY VOLUME	MIXED APPEARANCE	WORK TIME**	HANDLING TIME**	FULL CURE TIME**
7800	Bonds composites, SMC, plastics and prepared metals, rapid strength development, excellent sag resistance and gap filling capability, low exotherm, high elongation, free of heavy metals, environmentally recommended	7800-A Resin 7800-C Curative 7800-D Curative	1:1	Black Paste	-- 2-4 min 5-7 min	-- 12 min 25 min	24 hr
7542 	Structural bond to FRP, SMC and other plastics and prepared metals with minimal surface preparation, lower viscosity, suitable for gravity fed MMD, wide range of work times, non-sag paste, non-flammable, environment and chemical resistant, UL746C certified	7542-A Resin 7542-B Curative 7542-C Curative 7542-D Curative 7542-E Curative 7542-B Black Curative	1:1	Brown Paste Black Paste	-- 4-7 min 11-15 min 20-30 min 50-60 min 4-7 min	-- 1-2 hr 2 hr 3 hr 4 hr 1-2 hr	24 hr
7545	Structural bond to FRP, SMC and other plastics and prepared metals with minimal surface preparation, non-sag, remains in position on vertical and overhead surfaces, Non-flammable, environmental and chemical resistant	7545-A Resin 7545-B Curative 7545-C Curative 7545-D Curative 7545-E Curative 7545-F Curative 7545-G Curative 7545-B Black Curative 7545-D Black Curative	1:1	Off-White Paste Black Paste	-- 3-5 min 6-8 min 11-18 min 22-38 min 45-65 min 1.5 min 4-7 min 11-18 min	-- 30 min 1 hr 90 min 2-3 hr 4-5 hr 10 min 30 min 1-1.5 hr	24 hr
7550	Non-structural bond to Lexan [®] , ABS, polycarbonate, other plastics and primed metals, Optically clear, self-leveling, flows into hard-to-reach spaces, excellent for bonding parts with tight tolerances, non-yellowing	7550-A Resin 7550-C Curative	1:1	Clear Liquid	3-5 min	1 hr	24-72 hr
7555	Bonds and seals plastics and prepared metals, non-sag, paint and finish quickly, non-yellowing, UV and chemical resistant, formulated for auto/truck bond and seal and clean rooms	7555-A Resin 7555-C Curative 7555-E Curative	1:1	Bright White Paste	-- 3-5 min 45 min	-- 1 hr 5-6 hr	24 hr
7556	Bonds to Lexan, ABS, polycarbonate, other plastics and primed metals, translucent, non-sag, environmental and chemical resistant	7556-A Resin 7556-B Curative 7556-C Curative	1:1	Translucent Paste	-- 3-5 min 4-6 min	-- 1 hr 1.5-2.3 hr	24 hr
7100	High strength, high elongation formulated for cloth, paper, foams, rubbers and plastics, bonds plastics without crazing, attacking or lowering strength of plastics, self leveling, low viscosity, no VOC content, environmental and solvent resistant	7100-A Resin 7100-B Curative	1:2	Glossy Black Liquid	5-10 min	2-3 hr	24 hr
7150		7150-A Resin 7150-B Curative	1:2	Glossy Grey Liquid	5-10 min	2-3 hr	24 hr

**Can be accelerated with heat.

[†] Data is typical and not to be used for specification purposes.

For more information visit us at LORD.com or call +1 877 ASK LORD (275 5673).