



DURA-COAT ELASTOMER 920

DESCRIPTION AND RECOMMENDED USES

100% solid, Dura-Coat Elastomer 920 is a high-elongation, hybrid epoxy-urethane system designed for the complete encapsulation of equipment of virtually any shape, size, or configuration. Applied with simple mechanical preparation—requiring no abrasive blasting, heat, hot-work permits, or specialized tools—its elastomeric properties form a tough, flexible, and durable protective barrier that excludes moisture, providing outstanding resistance to crevice, galvanic, and atmospheric corrosion.

- When used with a compatible release agent and corrosion inhibitor, creates a peelable and resealable protection system.
- Seamless Protection: Easily brush-applied at 20 mils (0.5 mm) to encapsulate complex geometries, delivering high flexibility and superior corrosion resistance.

PACKAGES

	SIZE	REORDER #
OPTION	515 g	920-515

APPLICATION AREAS

- Fittings and connectors
- Flanged joints and fasteners
- Industrial equipment (any shape or size)
- Pipes and tank bases
- Valves and flanges
- Others

TECHNICAL DATA

Maximum Temperature (dependent on service)	Minimum	-30°C	-22°F
	Maximum	150°C	320°F
Chemical Resistance	Water	Excellent	
	Alkaline	Excellent	
	Inorganic acids	Excellent	
	Organic acids	Regular	
	Solvents	Excellent	
Solids by Volume		100%	
Mixed Density		1.4	
Shore A Durometer Hardness		89	
Vertical SAG Resistance at 21°C (70°F) and 0.5mm (20mils)		No sag	
Coverage for kit of 515 g	7.5sf@120mils	0.7m²@0.5mm	
Mix Ratio	8:1 by weight		Base: Activator
Color	Gray as standard. Other colors contact the manufacturer		
Shelf Life (unopened containers)	3 years at 55-95°F (13-35°C)		



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SURFACE PREPARATION

Proper surface preparation is critical to the long-term performance of Dura-Coat Elastomer 920. The surface must be cleaned and decontaminated. Prepare with standard St2 or St3 mechanical cleaning. Clean with solvents (acetone, xylene, alcohol or MEK) and a cloth. No need to apply primer, Dura-Coat Elastomer 920 is applied directly to metal or concrete.

MIXING

Thoroughly mix the Activator and Base with a mixing stick or with a low-speed blend. Mix by Weight: 8 part of the Base and 1 part of activator. Mix well to produce an even, smudge-free material. Never put solvents.

CURED TIME

	16° C (60° F)	25° C (77° F)	32° C (90° F)
TACK FREE	4 hours	2 hours	1 hour
LIGHT LOAD	12 hours	6 hours	3 hours
OVERCOAT END	16 hours	10 hours	5 hours
FULL LOAD	24 hours	12 hours	6 hours
FULL CHEMICAL	48 hours	24 hours	12 hours

APPLICATION

Dura-Coat Elastomer 920 is applied with a brush. To prevent run-off on vertical surfaces, the maximum recommended thickness per coat should be up to 0.5 mm (20 mils). When used with a compatible release agent and corrosion inhibitor, Dura-Coat Elastomer 920 creates a peelable and resealable protection system.

CLEAN UP

- Tools must be immediately cleaned after usage by using industrial alkaline detergent.

SAFETY

Before using any products, review the appropriate Safety Data Sheet (SDS) or Safety Sheet for your area. Follow standard confined space entry and work procedures, if appropriate.

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