

5 Minute[®] Epoxy

Devcon[®]
Metal-filled Epoxies and Urethanes

The 5 Minute Epoxy by Devcon as the name indicates is rapid-curing, general purpose adhesive cum encapsulant. With the capability to withstand processing forces it bonds metals, fabrics, ceramics, glass, wood and concrete (in combination). It cures fast for quick metal to metal bonding and repairs, seals against dust, dirt and contamination. Good di-electric strength and solvent resistance.

RECOMMENDED APPLICATIONS

Bonds

- ▶ Metals
- ▶ Glass
- ▶ Fabrics
- ▶ Wood
- ▶ Ceramics
- ▶ Concrete (in combinations)

TYPICAL PROPERTIES

Tensile elongation	1%
Shore hardness	85 Shore D
Gap-fill	Good
Dielectric strength	490 volts/mils
% Solids by volume	100
Adhesive tensile lap shear[GBS]	9.7 n/mm ²
Specific volume	833 cm ³ /kg
Uncured	
Colour	Clear
Mixed viscosity	10,000 cps
Mix ratio by volume	1:1
Mix ratio by weight	1:1
Mixed density	1.10 gm/cc
Working time	3-6 min. (28 gm @ 25°C)
Fixture time	10-15 min. @ 24°C
Functional cure	3/4 - 1 hr. @ 24°C)
Full cure	12
Service temperature	Dry, -40°C to 93°C

CHEMICAL RESISTANCE

7 Days Room Temperature Cure, 30 days immersion

Ammonia	Very good
Gasoline (Unleaded)	Excellent
Kerosene	Very good
Methyl Ethyl Ketone	Poor
Sodium Hydroxide 10%	Very good
Sulfuric 10%	Very good

ORDERING INFORMATION

Item	Unit Size	Stock No.
5 Minute Epoxy	28gm Dev-tube	14251
	70gm Twin Tube	14210
	50ml Cartridge	14270
	400ml Cartridge	14272

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Epoxy Foundation Systems And Repair Compounds



ISO 9001
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