

CrossMetal

Imagine your creative application
with brand new metal bonder

Epoxy Structural Adhesive

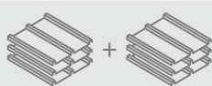
UL V0, Flame Retardant Epoxy Adhesive

CrossMetal H-100FR

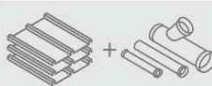
Two-component modified epoxy-based **flame retardant** adhesive.
The epoxy hybrid adhesive is a structural adhesive that maintains
excellent impact resistance, fatigue resistance, and excellent
adhesion to metals and plastics.



Application



metal + metal
(Steel, Aluminum, Magnesium etc.)



metal + plastics
(PC, ABS, PA etc.)

Battery, Electronics parts, Automotive parts, etc. (Metal, ABS, PC various hard/soft plastics)
General industrial (glass, rubber, ceramic, stone, wood)

How to use

Apply adhesive after completely removing contaminants(dust, paint, oil) from the surface of the substrate and drying it.

Amount of coating : 0.2-0.5 g/cm²

* When curing, at room temperature or at elevated temperature(increasing the temperature shortens the curing time.) Curing and conditions may vary depending on coating thickness and surrounding environment.

Product type

1:1 Cartridge (50ml, 250ml, 400ml), 20kg Pail Can

Physical property

Property	Base(A)	Accelerator(B)
Appearance	Gray	Gray
Mixing ratio (Volume)	2	1
Viscosity (cps) at 23℃	40,000	35,000
Density at 23℃	1.2 g/cm ³	1.2 g/cm ³
Pot time (min), 23℃	60 min	
Adhesive Shear strength(kgf/cm ²) 23℃, 24hour (Ref ASTM D 1002-72)	SUS	30
	Aluminum(Eched)	30
	PC	20
Thermal Conductivity (W/m·K)	2.3	
Hardness (Shore D)	80	
Flame retardant (UL 94)	V0	



CrossChem. Co., Ltd
No. 607, 23, Dangjeong-dong,
75beon-gil,
Gunpo-si, Gyeonggi-do
Gunpo Jeil Industrial Complex

Tel 031-477-7789
Fax 031-477-7790
www.crosschem.co.kr

