

Fusion Bond™ for structural bonding

HERNON

Main Benefits

- Excellent overall strength and robustness
- Large gap fill capabilities
- Outstanding environmental and chemical resistance
- Easy mixing ratio of 1:1
- Environmentally friendly
- Suitable for most material and composite assemblies with little surface preparation



Features

- Fusion Bond™ is a two component structural methacrylate that cures upon mixing.

Typical Application

- Signage and display boards
- Marine and construction repairs
- Sporting goods
- Automobile components



	Fusion Bond™ 370F
Color	White/Blue
Viscosity, cP	60 000 (mixed)
Gap fill, mm	9.652
Shear Strength, N/mm ² (psi)	
Aluminium (Etched)	24 (3500)
Steel (Abraded)	34 (5000)
Fiberglass (Reinforced)	19 (2700)
ABS	7 (1000)*
Polycarbonate	8 (1100)*
Acrylic	8 (1100)*
Tensile Strength, N/mm ² (psi)	>27 (>4000)
Compressive Strength, N/mm ² (psi)	25 (3700)
Work Life	5 to 7 min
Cure Speeds @ 24°C, Fixture/Full	5 to 10 min/2 to 4 hrs
Temperature Range, °C	-55 to 150

*See test failure at this reading

