



## Freeman EP 8214 Epoxy Adhesive

### Description

Freeman EP 8214 is a room temperature cure, epoxy adhesive designed for bonding metals, ceramics, and many plastics. EP 8214 is mineral filled giving it great vibration and impact resistance. It is free flowing which allows air to naturally release and promotes self-leveling. EP 8214 also features good resistance to water, salt spray, inorganic acids and bases and most organic solvents. Full cure can be accelerated by heating for 2 hours at 149°F. The time to heat the substrate must be taken into consideration.

### Physical Properties

Color	Gray
Mix Ratio (by weight)	1:1
Viscosity, Mixed (cps)	80,000
Mixed Density (g/cc)	1.15
Hardness (Shore D)	70
Gel Time (minutes @ 77°F)	60
Light Handling Time (hours @ 77°F)	10
Cure Time (hours @ 77°F)	24
Tensile Strength (psi)	3,000
Elongation (%)	60
Service Temperature (°F)	266

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.