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## **QUICK SET EPOXY ADHESIVE RBC-558-AR**

RBC # 558-AR is a two component epoxy adhesive that sets within 5-8 minutes after mixing. It is ideal for field applications which require a quick, tough bond. The system exhibits superior adhesion to a wide variety of substrates including Metal, Glass, Wood, and many Plastics. It's thixotropic consistency allows easy application with no messy sag.

### **Handling Properties:**

Viscosity, mixed..... Thixotropic gel  
Shelf Life (Closed Container)..... 12 Months

### **Physical Properties (Cured):**

Color..... Light Amber  
Specific Gravity..... 1.440  
Hardness, Shore D, @ 25 deg. C..... 80 D  
Tensile Strength, psi..... 2800  
Bond Shear strength, psi, Al.Al..... 2,000  
Operating Temperature Range..... -50 to +120 deg C

### **Mix Ratio:**

1:1 by Volume

### **Pot Life and Cure Schedule:**

Gel time @ 72 deg. F..... 5 minutes  
Handling Strength @ 72 deg. F..... 7-10 minutes  
Full Cure @ 72 deg. F..... 60 minutes

### **Mixing Instructions:**

Mix 1 part of the 558-AR-A to 1 part of the 558-AR-B, by volume. Mix thoroughly by hand or machine until mixture is homogeneous. Thorough mixing will ensure proper bond strength. Whenever necessary, entrapped air may be removed by vacuum prior to use.