

LV-1

Low Viscosity Epoxy Adhesive

SCProbond™ LV-1 Low Viscosity Epoxy Adhesive is a non-corrosive epoxy system suitable for horizontal applications and designed for installation of SCProbond™ material handling components. Both LV-1 and HV-1 offer excellent adhesion to our SCProbond™ N material, carbon steel, and concrete with an easy-to-mix, 1:1 formula that is VOC, BGE, and solvent free. Both these materials are available in 22lb or 55 gallon bulk quantity kits and recommended for applications that see less than 95°C.

55 gallon drums of each material also available.

Application Guidelines:

Maximum Service Temp	93°C (200°F)
Working Time	4 hours
Functional Cure	8 hours at 21°C (70°F)
Mix Ratio (By Volume)	1:1

Physical Properties:

Tensile Shear Strength	14.6 MPa (2130 psi)	ASTM D 1002
Hardness Shore Scale	82D	ASTM D 2240
Compressive Strength	79 MPa (11,500 psi)	ASTM D 790
Flexural Strength	60 MPa (8770 psi)	ASTM D 695