R2 SEALANT SYSTEMS

R90+FG
FAST GRAB HYBRID SEALANT & ADHESIVE

TECHNICAL DATA SHEET (TDS)

R90+ FG FAST GRAB HYBRID SEALANT & ADHESIVE

PRODUCT DESCRIPTION

R90+ FG is a premium, high strength polymer adhesive engineered for outstanding bonding performance. Its advanced formulation delivers excellent adhesion across a wide range of industrial and construction surfaces, including aluminum, sheet metal, factory finished metals, wood, glass, stone, masonry, concrete, drywall, vinyl, and many plastics. After curing, the adhesive remains paintable and can reduce or eliminate the need for traditional mechanical fasteners.

DIRECTIONS

Use alcohol to clean all work surfaces of all debris, oil, loose paint, frost, and other contamination. Petroleum-based solvents like mineral spirits and xylene SHOULD NOT BE USED. Prior to application, keep R90+ at room temperature for simple gunning and tooling. To guarantee a continuous bead, test and assess. Tooling should be completed within ten minutes of application, if necessary.

LIMITED WARRANTY INFORMATION

R2 Sealant Systems, LLC, warrants that its products will meet the performance standards stated on the product packaging and technical data sheets for a period of fifteen (15) years from the date of purchase. With verified proof of purchase, the sole obligation of R2 Sealant Systems, LLC, is limited to replacing any product determined to be defective, not to exceed the original purchase price. This warranty extends exclusively to the original purchaser and is not transferable. No additional warranties, expressed or implied, are provided, and R2 Sealant Systems, LLC, shall not be liable for any incidental, indirect, or consequential damages arising from the use of its products.

STORAGE & SHELF LIFE

Use within 10 months of the manufacture date. Keep the original container cool, dry, and in a climate-controlled location. Best if stored at 70°F with less than 50% relative humidity. Reduced shelf life will occur at higher temperatures and/or higher humidity.

APPLICATIONS

- Industrial & Construction Surfaces
- Landscaping
- Bath Surrounds
- Recreational Vehicles
- Trailer Assembly

FEATURES

- Fast-Grab, High-Tack Formulation
- Low VOC's
- Excellent Bonding Strength
- Solvent Free
- Paintable in 2 Hours
- Non-Sag

AVAILABLE SIZES

- Cartridge (10.1 oz)
- Sausage (20 oz)
- Quart (30 oz)
- 52 Gallon Drum





R2 SEALANT SYSTEMS
R2SEALANTS.COM

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CHEMICAL & PHYSICAL PROPERTIES

Skin Time	Internal Method	< 20 minutes @ 70°F / 50% RH
Tack Free Time	Internal Method	< 30 minutes @ 70°F / 50% RH
Cure Rate	Internal Method	1/4" Bead in 24 Hours
VOC	EPA Method 24	< 34 g/L, less water, & exempt solvents
Shore A	ASTM C661	80
Grab Time	Internal Method	0 Seconds
Tensile Strength	ASTM D412	400 psi
Sag/Slump	ASTM D2202	0"
UV Rating	ASTM G26	Do not use in areas subject to UV light
Service Temperature	Internal Method	-40 - 200°F
Viscosity	RV T-F @ 4 rpm	Approx. 3,600,000 cP
Density	Internal Method	Approx. 14.2 lbs./gal

APPROXIMATE* LINEAR FEET/COVERAGE PER 10.1 FL. OZ. CARTRIDGE

DEPTH \ WIDTH	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
1/8"	99	49	33	24	20	16	14	12
1/4"		24	20	12	10	8	7	6
3/8"			11	8	6	5	5	4
1/2				6	5	4	3	3

**All values are approximations based upon industry information and can vary dramatically due to joint dimensions/configurations, porosity, texture of substrates, irregularities, installation techniques, waste, etc. that are beyond R2 Sealant Systems' control. R2 Sealant Systems is not liable for variances to linear feet/coverage; do a test area to determine material required to use.*