

GENERAL INFORMATION

1-800-336-1640

LIQUID ROC ADHESIVE COMPARISON

	LR 200 Single/Twin Tube	LR 300 Capsule	LR 300 Twin Tube	LR 300 Pouch	VME Twin Tube	VMZ Internal Thread Injection	LR 500+ Single/Twin Tube	LR 700+ Single/Twin Tube
Cure Time (68°F)	45 min.	10 min.	40 min.	20 min.	10 hr.	1 hr.	12 hr.	1 hr.
Cure Temperature	23-86°F+	15-100°F+	25-100°F+	15-100°F+	41-104°F+	1 hr.	40-100°F+	1 hr.
High Temperature Service	320°F	176°F	176°F	176°F	104°F	176°F	125°F	176°F
Shelf Life	18 months	24 months	9 months	18 months	24 months	18 months	24 months	18 months
Mix Ratio	Important	Important	Important	Important	Critical	Important	Critical	Important
Weathering	Excellent	Fair	Fair	Fair	Excellent	Good	Excellent	Good
Chemical Resistance	Excellent	Fair	Fair	Fair	Excellent	Good	Excellent	Good
Shrinkage	<1/2%	4%	4%	4%	<1/2%	1/2%	<1/2%	1/2%

APPLICATION AND PRODUCT SELECTION GUIDE

Page No.	Types of Adhesive	Fastening Base Material							Application Criteria					Materials	Versions of Anchors	Characteristics
		Concrete	Hard Natural Stone	Soft Natural Stone	Solid/Hollow Brick	Grout Filled Block	Hollow Concrete Block	Wood/Metal Gypsum/Plastic Foam Ins.	In-place (through) Fastening	Immediate Loading	Flush Surface Removing	Dynamic Loading	Temp Resistant			
HEAVY DUTY																
42	Liquid Roc 200	●	●	●	●	●	○					●	●	- Hybrid Urethane - Benzoyl Peroxide Hardener	- Threaded Rod - Rebar - Smooth Dowel - (Straight Cut)	Bonds to Hollow or Solid Masonry
43	Liquid Roc 300 Capsule	●	○			○						●	○	- Polyester Resin - Benzoyl Peroxide Hardener - Quartz Sand	- Threaded Rod - Rebar - (Chamfer Cut)	Mixes in hole with use of rotary hammer only
44	Liquid Roc 300 Pouch	●	○	○								●	○	- Polyester Resin - Benzoyl Peroxide Hardener	- Threaded Rod - Rebar - Smooth Dowel - (Straight Cut)	Bonds to Solid Masonry
45	Liquid Roc 300 Twin Tube	●	●	●	●	●	○					●	○	- Polyester Resin - Benzoyl Peroxide Hardener	- Threaded Rod - Rebar - Smooth Dowel - (Straight Cut)	Bonds to Hollow or Solid Masonry
46-48	VME Twin Tube	●	●	●		●						●		- Amine Base Epoxy	- Threaded Rod - Rebar	High Strength for Seismic /Wind Loading
49	VMZ Internal Thread Injection System	●	●	●		●						●		- Vinyl Ester Resin - Styrene Free	- Threaded Rod - Rebar - Internal Thread Insert	Bonds to Solid Masonry Low Odor
50	Liquid Roc 500+ Single Tube Low Odor	●	●	●	○	●						●	○	- Amine Base Epoxy	- Threaded Rod - Rebar - Smooth Dowel - (Straight Cut)	Bonds to Solid Masonry Low Odor
51	Liquid Roc 500+ Twin Tube Low Odor	●	●	●	○	●						●	○	- Amine Base Epoxy	- Threaded Rod - Rebar - Smooth Dowel - (Straight Cut)	Bonds to Solid Masonry Low Odor
52-53	Liquid Roc 700+ Single/Twin Tube	●	●	●	●	●	○					●	○	- Acrylic Base - Benzoyl Peroxide Hardener	- Threaded Rod - Rebar - Smooth Dowel - (Straight Cut)	Bonds to Hollow or Solid Masonry
KEY ● VERY SUITABLE ○ MAY BE SUITABLE PER APPLICATION																