# QUICK REFERENCE PRODUCT **GUIDE**



Manufacturing Adhesives for Industries Worldwide Since 1978

ADHESIVES TECHNOLOGY CORP.









**BONDING & COATING** 



CONCRETE REPAIR





JOINT TREATMENT



GENERAL PURPOSE





DEMOLITION



#### GENERAL PURPOSE REPAIRS Repairs: 1 Broken steps

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Hard-Ro

2 Loose railings 3 Rotten window sills

- 4 Vertical spalls 5 Cracked stucco
- 6 Foundation cracks 7 Fountain cracks
- 8 Attach pool tile 9 Pool rail
- 10 Door sills 11 Balcony rails
- 12 Ornamental concrete
- 13 Woodpecker holes
- 14 Holes in deck 15 Pool cracks
- 16 Rotten wood 17 Boundary walls
- 18 Crash damages 19 Broken curbs 20 Trip hazards 21 Attach parking bumpers



# ITRARO

ANCHORING Repairs: 22 Anchor benches 23 For heavy-duty anchoring 24 Attach satillite dish

## CRACKBOND'SLV-302

CONCRETE REPAIR EPOXY Repairs: 25 Hairline crack injection 25

## CRACKBOND'

JOINT/CRACK FILLER Repairs: 26 Horizontal cracks 27 Control joints 28 Brick-to-concrete cracks

## CRACKBONDesa @.@

QUICK CRACK/SPALL REPAIR Repairs: 29 Spalls (1 hr) 30 Traffic spalls (1 hr.) 31 Fine cracks in balconies

## CRACKBONDLB-321

**CRACK INJECTION REPAIR EPOXY** Repairs: 31 Fine cracks in balconies 32 Structural injection 31 - 32

## NUM I Emplo

ANCHORING CEMENT Repairs: 33 Railing installation

# Repair Problems? We've Got the Solutions!



Secure Loose Railings Fix concrete spalls in 20 Min. Repair Broken Steps



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Scan to view our YouTube videos or visit www.atcepoxy.com

# C

450 E. Copans Road, Pompano Beach, FL 33064 800-892-1880 · Fax: 800-362-3320





**Control Joints** 



Repair Rotted Wood





#### For complete information on all **Adhesives Technology Corporation's** products, visit **www.atcepoxy.com**



Adhesives Technology Corporation (ATC) is a leading manufacturer of construction and industry related adhesives in epoxies, urethanes, acrylics, ester blends and polyureas. With forty years of field proven experience, our product brands are some of the most recognized and most often specified in all of North America. ATC's products can be used for anchoring, doweling, bonding, joint filling, concrete repair, maintenance and restoration across many industries including but not limited to: heavy duty construction, industrial, MRO and consumer/DIY.

#### But, that's only part of the ATC story...

Our dedication to **100% customer satisfaction** includes job assistance, joint sales calls, classroom style training and technical call assistance. When you need us, we're there for you.



#### **PRIVATE LABELING**

We are also one of the **largest private label epoxy manufacturers in the US** and some of the most respected companies throughout the world have come to rely on **ATC** for their private label products. These companies turn to **ATC** because they appreciate our expertise and commitment to developing, producing and servicing high quality adhesives systems to which they can confidently attach their name. Moreover, we are capable of producing customized formulations with our in-house laboratory and research team that will perfectly fit your particular needs.

For more information on how private labeling can enhance your business please visit www.affyx.com, and for complete information on all **Adhesives Technology** products, please visit www.atcepoxy.com. You'll find many helpful features including:



#### **DOT LISTINGS**

Over 215+ state DOT approval listings in the adhesive category. More than any other manufacturer for similar product categories. Visit ATC's new DOT listings section - Click on any state to quickly view product approvals and link to the state QPL listing and/or product approval letters.



## ultrabond<sup>®</sup> HS-1CC



HIGHEST PERFORMING ANCHORING EPOXY - PERIOD -

#### High Strength Anchoring Epoxy

#### ULTRABOND® HS-1CC

2018 IBC/IRC code compliant anchoring system for cracked and uncracked concrete, available in cartridges and in bulk, with the highest short term elevated temperature resistance of any approved epoxy.

### ANCHORING

Quick Selection Guide	
Mix Ratio	1:1
Viscosity	Non-sag
Working Time (75°F)	16 min.
Full Cure Time (75°F)	7 hr.
Installation Temp.	38-125°F

#### Features & Advantages

- ICC-ES ESR-4094 evaluation report for cracked and uncracked concrete
- Code compliant in cartridge and bulk dispensing systems, IBC/IRC: 2018, 2015, 2012 & 2009
- Florida Building Code (FBC) Compliant: 2017 & 2014
- City of Los Angeles Code (LABC/LARC) Compliant: 2017
- Abu Dhabi International Building Code (ADIBC) Compliant: 2013
- ICC-ES AC308 and ACI 355.4 assessed for resisting short term loading conditions up to 205 °F (96 °C)
- UL Certified Drinking Water System Components to NSF/ANSI 61 & Lead Free to NSF/ANSI 372
- Suitable for core drilled installations in dry or water saturated concrete
- Multiple anchor types: threaded rod, rebar & internally threaded inserts
- OSHA Table 1 compliant drilling/cleaning method using Milwaukee Tool hollow vacuum bit system
- · Qualified for Seismic Design Categories A through F
- Nationally DOT approved or pending
- Made in the USA in accordance with CFR 49 section 50101





#### Cracked Concrete Code Compliant Hybrid Anchoring Adhesive

#### ULTRABOND® 365CC

is a hybrid formula approved for use in cracked and uncracked concrete, which provides year-round installation flexibility, superior creep performance and unmatched in-service of 5°F – 302°F.

Quick Selection Guide	
Mix Ratio	3:1
Viscosity	Non-sag
Working Time (68°F)	4 min.
Full Cure Time (77°F)	45 min.
Installation Temp.	5-104°F

#### Features & Advantages

- ICC-ES ESR-3770 evaluation report for cracked and uncracked concrete
- IBC/IRC: 2015, 2012, 2009 & 2006
- Florida Building Code (FBC) Compliant: 2014 & 2010
- Certified Drinking Water System Components (NSF/ANSI 61) Joining and Sealing
- Offering one of the highest elevated-temperature creep performance in the market
- · Overhead, horizontal and vertical-down applications
- City of Los Angeles (LABC RR 26034) Compliant:
- Resists static, wind and earthquake loading in tension and shear (IBC Seismic Design Categories A - F)

ULTRABOND <sup>®</sup> ACRYI-8CC		
1		NEW
	ACRYL-SCC ACRYL-SCC Management	

#### Fast Cure Anchoring Adhesive

#### **ULTRABOND®**

ACRYL-8CC is a Twocomponent, high-strength, styrene-free, vinylester adhesive anchoring system Tested in accordance with ACI 355.4 and ICC-ES AC308.

Quick Selection Guide		
Mix Ratio	10:1	
Viscosity	Non-sag	
Working Time (70°F)	6 min.	
Full Cure Time (70°F)	45 min.	
Installation Temp.	14-104°F	

#### Features & Advantages

- ICC-ES ESR-4249 evaluation report for cracked and uncracked normal weight and lightweight concrete
- Resists static, wind and earthquake loading in tension and shear - (IBC Seismic Design Categories A through F)
- Certified Drinking Water System Components (NSF/ANSI 61) Joining and Sealing
- Installation temperature range between 14 °F to 104 °F (-10 °C to 40 °C)
- Resists sustained loads up to 161 °F (72 °C)
- Withstands freeze-thaw conditions

Quick Selection Guide	
Mix Ratio	1:1
Viscosity	Non-sag
Working Time (75°F)	20 min.
Full Cure Time (75°F)	24 hr.
Installation Temp.	40-110°F

#### Features & Advantages

- Multiple DOT approvals
- Anchoring threaded rod, bolts and rebar dowels into uncracked concrete
- Available in numerous cartridge sizes and in bulk
- Standard working time, 20 minutes @ 75°F
- Wide in-service temperature range
- Withstands freeze-thaw conditions



#### High-Strength DOT Anchoring Epoxy

#### ULTRABOND® HS-200

is a non-sag, high strength anchoring epoxy developed to resist both long and short term tensile loading conditions. Tested in accordance to ASTM E488 and ASTM E1512.

Quick Selection Guide	
Mix Ratio	2:1
Viscosity	Non-sag
Working Time (75°F)	24 min.
Full Cure Time (75°F)	24 hr.
Installation Temp.	40-110°F

#### Features & Advantages

- Extensive coast to coast DOT approvals, including Caltrans
- Anchoring threaded rod, bolts and rebar dowels into uncracked concrete
- Long working time, 24 minutes @ 75°F
- Withstands freeze-thaw conditions
- Moisture insensitive allowing installation and curing in damp environments
- Multiple embedment depth design tables



#### Anchoring Epoxy with over 20 years of Proven Performance

ULTRABOND® 1, tried and true for over 20 years, offers our highest ultimate load capacities with longer working times for warmer climates and numerous DOT approvals. Available in cartridges and bulk.

## ULTRABOND<sup>®</sup> HARD-ROK



#### High-Strength, Fast Setting Cementitious Anchoring Grout

### HARD-ROK ANCHORING

**CEMENT** is a non-shrink, non-metallic, cementitious product used in anchoring and grouting applications. This hydraulic cement is quickly and easily mixed with water to either a pourable or putty-like consistency.

#### Quick Selection Guide

Guick Oclection Guide	
Viscosity-2.3 fl. oz. water per 1 lb mix	Pourable
Viscosity-1.5 fl. oz. water per 1 lb mix	Trowelable
Initial Set Time (70°F)	15 min.
Final Set Time (70°F)	60 min.

#### Features & Advantages

- Anchoring threaded rod and rebar
- Anchoring railings, sign posts and parking meters
- Patching holes and cracks in roads and sidewalks
- Suitable for interior or exterior applications

# 

#### High-Strength, Non-Sag Doweling Epoxy

#### ULTRABOND® 1300 is

a structural epoxy system that offers exceptional strength in anchoring and doweling applications. It is a specially formulated non-abrasive epoxy that works extremely well in bulk dispensing pumps.

# DOWELING

Quick Selection Guide	
Mix Ratio	1:1
Viscosity	Non-sag
Working Time (75°F)	20 min.
Full Cure Time (75°F)	24 hr.
Installation Temp.	40-110°F

#### Features & Advantages

- Extensive DOT approvals
- High-strength adhesion of threaded rod and rebar dowels
- Available in cartridge and bulk dispensing systems
- 100% solvent free, zero VOC content

ultrabond<sup>®</sup> ASF-1000



#### Fast Cure Acrylic Adhesive

#### ULTRABOND® ASF-1000

is a two-component styrene free, acrylic system used for anchoring and doweling applications in uncracked concrete using threaded rod and rebar with numerous DOT approvals.

Quick Selection Guide		
Mix Ratio	10:1	
Viscosity	Non-sag	
Working Time (77°F)	5 min.	
Full Cure Time (77°F)	30 min.	
Installation Temp.	15-95°F	

#### Features & Advantages

- Ultra-fast 30 minute full cure time @ 77°F in dry concrete
- High bond strength with fast cure times
- Easily dispensable even at low temperatures
- Fits in caulk style dispensing tool (10 oz.)
- Styrene free
- 10 oz. and 28 oz. cartridge sizes available





(formerly ULTRABOND<sup>®</sup> 2100)

## BONDING & COATING

#### Medium Viscosity Bonding Agent Standard and Long Pot Life (LPL) Formulas

#### CRACKBOND<sup>®</sup> 2100 MV and 2100 MV-LPL

(Medium Viscosity) products are two-component, high-strength epoxy adhesives that are ideal for bonding fresh to hardened concrete or perfect for use in a variety of repair projects.

#### Features & Advantages

- CRACKBOND<sup>®</sup> 2100 MV & 2100 MV-LPL
- Moisture insensitive allowing installation and curing in damp environments
- High modulus, self-leveling, medium viscosity CRACKBOND<sup>®</sup> 2100 MV
- NSF/ANSI 61 & 372 Drinking Water System Components
- Available in gray in cartridges and bulk; red basecoat available in 4 gallon kits  ${\bf CRACKBOND}^{\otimes}$  2100  ${\bf MV-LPL}$
- Extended working time with new higher strength formula

Quick Selection Guide CRACKBOND <sup>®</sup> 2100 MV		
Mix Ratio	1:1	
Viscosity	5,600 cP	
Pot Life (gal @ 75°F)	37 min.	
Tack Free (30mil @ 75°F)	3 hr. 25 min.	
Installation Temp	40-100°F	
Gel Time (75°F)	43 min.	
CRACKBOND <sup>®</sup> 2100 MV-LPL		
Mix Ratio	1:1	
Viscosity	3,980 cP	
Pot Life (gal at 75°F)	52 min.	
Installation Temp	60-110°F	
Gel Time (75°F)	105 min.	
Gel Time (75°F)	105 min.	





#### Non-Sag Viscosity, High-Strength Bonding Agent

**CRACKBOND® 2300 GEL** is a two-component, high-strength epoxy bonding adhesive. It is a solvent free, high modulus, moisture insensitive, non-sag epoxy system.

# Quick Selection Guide Mix Ratio 1:1 Viscosity Non-sag Installation Temp. 60-110°F Gel Time (75°F) 28 min. Pot Life (gal @ 75°F) 23 min. Tack Free (30mil @ 75°F) 3 hr.

#### Features & Advantages

- High-strength bonding agent for both existing and new concrete applications
- Numerous DOT approvals



## EPOXY REPAIR PASTE



#### **Hi-Mod Structural Adhesive**

#### CRACKBOND® EPOXY REPAIR PASTE is

two-component, moisture insensitive, high modulus, high-strength structural epoxy paste adhesive. Its specially formulated non-sag properties are perfect for large overhead and vertical repairs.

#### Features & Advantages

- High-build and easily trowelable
- Hi-mod formula cures to over 13,000 psi @ 75°F stronger than concrete
- Pickproof superior hardness for tamper resistance
  - Available in cartridges and bulk units
- Easy mix formula in a 1:1 ratio by volume

#### **Ultra-Low Viscosity Polyurethane**

CRACKBOND<sup>®</sup> CSR is a two-component polyurethane hybrid formulation with an ultra-low viscosity. Rapid cure for quick repairs of hairline cracks and spalls in concrete.

#### Features & Advantages

- Open to traffic in less than 60 minutes
- Available in cartridge and in bulk
- Ultra-low viscosity penetrates cracks and wets substrate and aggregate
- Can be used with concrete powder pigments for interior color matching





#### LR-321 Formulas Offer Versatility For Various Crack Injection Applications

#### CRACKBOND® LR-321

family of epoxies offer versatility for various crack injection applications. LR-321 & LR-321LPL are low viscosity formulas with LR-321LPL offering a longer pot life for larger repairs. LR-321G is a thixotropic formula for blind side injection.

#### Product LR-321 LR-321LPL LR-321G Mix Ratio 2:1 2:1 2:1 Viscosity 500 cP 200 cP 4.500 cP 50-100°F Installation Temp. 50-100°F 50-100°F Color Amber Amber Gray Gel Time (60°F) 27 min. 55 min. 20 min. Pot Life (60°F) Gal. 19 min. N/A 45 min.

Quick Selection Guide

#### Features & Advantages

- Various formulas available to cover a wide range of applications
  - Moisture tolerant
- Cures with virtually no shrinkage and bonds to most surfaces
- Can be used as an epoxy primer/sealer
- Wets out aggregate for mortar applications

Quick Selection Guide	
Mix Ratio	1:1
Viscosity	Non-sag Paste
Full Cure Time (75°F)	24 hr.
Installation Temp.	40°F - 110°F
Color	Light Gray
Gel Time (75°F)	68 min.

**CONCRETE REPAIR** 

Quick Selection Guide	
Mix Ratio	1:1
Viscosity	60 cP
Full Cure Time (75°F)	1 hr.
Installation Temp.	0-110°F
Color	Gray
Gel Time (77°F)	2 min.





#### Ultra-Low Viscosity Sealer

#### CRACKBOND® HEALER/SEALER

Deep penetrating, fast cure, high strength 3:1 mix ratio epoxy coating system that will reduce intrusion of moisture and water soluble materials into concrete.

Quick Selection Guide										
Mix Ratio	3:1									
Viscosity	60-80 cP									
Installation Temp.	40-105°F									
Color	Clear									
Pot Life (75°F) Gal.	3-5 min.									
Tack-Free (75°F)	5 hr.									

#### Features & Advantages

- Ultra-low viscosity of 60-80 cP at 75 °F (24 °C), 100% solids epoxy formulation
- Superior bond strength, adhesion and wear characteristics
  Very low surface tension
- Non-volatile, moisture insensitive
- Improves the integrity of cracked and aging concrete surfaces
- Open to traffic in 6 hours at 75 °F (24 °C)
- Gravity penetration into hairline and drying shrinkage concrete cracks
- Protects, preserves and extends life of horizontal cracked concrete surfaces
- Seals surface to help prevent water and chloride intrusion



#### Super-Low Viscosity Formula

#### CRACKBOND® SLV-302

is ideal for gravity-feed repair of fine to very fine width horizontal cracks or for injection methods using ports in conjunction with a capping paste.

Quick Selection Guide										
Mix Ratio	2:1									
Viscosity	195 сР									
Installation Temp.	50-100°F									
Color	Amber									
Gel Time (75°F)	11 min.									
Pot Life (75°F) Gal.	8 min.									

#### Features & Advantages

- Moisture insensitive, low surface tension for repairing hairline cracks
- No shrinkage during cure
- · Can be used as a binder resin for epoxy mortars

## CRACK-KIT



#### The Complete Kit For Structural Epoxy Injection Repairs

CRACK-KIT includes the following formulas: CRACKBOND® LR-321 low viscosity resin for injection and MIRACLE BOND® non-sag epoxy for use as a capping paste.



Scan to view our Crack-Kit demonstrational video or visit www.atcepoxy.com/crack-kit





#### Polymer Modified Portland Cement Blend of Specialty Aggregates and Admixtures

#### CRACKBOND® JET PATCH

provides rapid setting, high-strength, durable concrete repair for use on airport runways, taxiways, concrete floors, highway pavements and bridge decks.

#### Features & Advantages

- Contains everything needed to structurally repair 8-10 feet of crack
- Reliable high strength contractor grade formulasConvenient packaging
- Easy to follow instructions
- Online video available demonstrating use of kit

#### **Kit Includes**

- 3 ea. 9 oz. cartridges MIRACLE BOND<sup>®</sup> epoxy
- 3 ea. T58CBSK mixing nozzles for MIRACLE BOND<sup>®</sup>
- 3 ea. 9 oz. cartridges CRACKBOND® LR-321 Injection Resin
- + 3 ea. T58CBSK mixing nozzles for CRACKBOND® LR-321
- 12 ea. CRPORTSS injection ports with caps
- 3 ea. flow restrictors for CRACKBOND<sup>®</sup> LR-321 (with nozzle)
   Tubing Assembly
- 4 ea. plastic cups for cartridge balancing
- 1 putty knife
- 1 pair latex gloves

Quick Selection Guide										
Initial Set Time	16 min.									
Final Set Time	25 min.									
Compressive Strength psi (1 hr)	5,203									
Compressive Strength psi (1 day)	7,621									
Compressive Strength psi (7 day)	10,604									
Compressive Strength psi (28 day)	11,797									

#### Features & Advantages

- Simple to use by mixing with potable water
- Rapid initial set and final set time
- High early strength
- Negligible shrinkage (0.058%)
- Extendable with pea gravel



#### Flexible Polyurea For Filling Control Joints, Saw Cuts and Active Cracks

#### CRACKBOND® JF is a

two-component polyurea joint filler designed for heavy-duty traffic and freezer applications. Self-leveling, low viscosity solvent free and flexible. Allows 10-15% movement of installed joint width.

Acceptable for use in USDA inspected facilities.

(formerly CRACKBOND® JF-311)

NEW

#### Polyurea Joint Filler

#### **CRACKBOND® JF-82 FAST**

is a rapid curing, two-component polyurea control joint filler designed for increased productivity and quicker shave time. Low viscosity, self leveling and allows for 10-15% movement of installed joint width. Available in cartridges and bulk.

Acceptable for use in USDA inspected facilities.

Easy To Dispense,

**Repair Epoxy** 

Non-Sag, Multi-Purpose

MIRACLE BOND® REPAIR EPOXY is a two-component, high strength, high modulus, moisture insensitive, non-sag,

ceramic blend epoxy system.

It's ideal for use as a bonding

agent for almost any material, including concrete, brick,

other substrates. Excellent for

numerous property repairs.

wood, stone, block and

## JOINT TREATMENT

Quick Selection Guide										
Mix Ratio	1:1									
Viscosity	1500 сР									
Working Time (75°F)	3.5 min.									
Full Cure Time (75°F)	24 hr.									
Installation Temp.	-40-120°F									
Color	Gray									
Shave Time (75°F)	60 min.									

#### Features & Advantages

- Fill interior/exterior control joints or new construction saw joints on horizontal concrete surfaces
- Protects joint edges from spalling due to wheeled traffic
- For exterior applications when minimal joint movement from thermal cycling will occur
- Treated joints can be opened to traffic in 90 minutes @ 75°F

Quick Selection Guide										
Mix Ratio	1:1									
Viscosity	1,950 cP									
Working Time (75°F)	30 seconds									
Full Cure Time (75°F)	24 hr.									
Installation Temp .	-40-120 °F									
Color When Mixed	Gray									
Shave Time (75°F)	30 min.									

#### Features & Advantages

- Excellent tensile strength with greater than 250% elongation
- The repaired crack or control joint can be shaved within a minimum of 30 minutes at 75 °F (24 °C)
- Complies with ACI 302.1R-15 Guide to Concrete Floor and Slab Construction regarding control and construction joint fillers
- Treated joints can be opened to foot and light vehicular traffic in 90 minutes at 75 °F (24 °C)
- Self-leveling, low viscosity system

### **GENERAL PURPOSE**

Quick Selection Guide										
Mix Ratio	1:1									
Viscosity	Non-sag									
Working Time (75°F)	45 min.									
Initial Cure Time (75°F)	3 hr.									
Installation Temp.	40-110°F									

#### Features & Advantages

- High strength bonding agent for materials including concrete, brick, wood, stone and block
- Non-sag patching material for cracks and small spalls, great for overhead and vertical repair
- Can be used as an adhesive or filler
- Cured surface can be sanded and painted
- Rapid initial 3 hour cure at room temperature
  Used as a capping paste and injection port
- Osed as a capping paste and injection port adhesive for crack injection process

## DEMOLITION

Quick Selection Guide										
Drilled Hole Dia. 72°F and lower	1- 1/2″									
Drilled Hole Diameter >72°F	1-1/4″									
Hole Spacing	12"									
Water Per Bag-72°F and lower	33 oz.									
Water Per Bag- >72°F	38.5 oz.									

#### Features & Advantages

- Simple to use by mixing with a specific amount of water and poured into specifically spaced pre-drilled vertical holes
- Use where inaccessible for typical demolition, where blasting is not permitted or where heavy equipment, noise or vibration is unacceptable
- Supplied in powder form and sealed in vacuum packed heavy-duty plastic bags





Re-Cap for Repeat Use





#### Non-Explosive, Noise Free Concrete Cracking Agent for Interior & Exterior Applications

THE CRACKER® is a non-explosive cracking agent enabling standard demolition to be carried out with comparative accuracy. This system is virtually noiseless, vibration free and is ecologically friendly.

Non-Explosive, Noise

Form	ula	Usage						Vi	scos	ity	Ba	se Materia		rial	Mi	x Ra	tio 8	& Pa	ckag	ing		C	hen	nistr	y				Feat	ture	s		Approvals	
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HS-1CC	1161 02-1	• A	•	B	ŭ	or	G	ă	2	Σ	Ž	Ŭ	<b>5</b>	Ť	3	1:	2:	3:	10	°	B	• Ek	Pe	Í	P	Pe	ŭ	• E	• Se	ŭ	H	Ē		6. COLA
365CC	-	•	0								•	•	0	0				•		•				•				•	•	•	•			1, 2, 3, 4, 5, 6
ACRYL-8CC	ing the second	•	0								•	•	0	0					•	•				•					•	•	•			1,2,3,5
ULTRABOND 1	10 M-11-	•	•								•	•	0	0		•				•	•	•									•			2, 4
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ASF-1000		0	•								•	•	0	0					•	•					•				•	•				2, 4
2100 MV				•	•					•		•				•					•	•									•			2,4,5
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EPOXY REPAIR PASTE				•	•		•				•	•	•	•	•	•				•	•	•						•	0		•			2,4
HEALER/SEALER					•				•			•						•			•	•							•					2,4
CSR					•				•			•				•				•	•		•					•	•	•				
LR-321, LR-321LPL & LR-321G		0		0	•				•			•					•			•		•						•			•			2, 4
SLV-302				0	•				•			•					•			•	•	•						•			•			2, 4
JET PATCH					•					•	•	•									•						•		•		•			2
JF						•			•			•				•				•	•		•					•	•	•		•		
JF-82 FAST						•			•			•							•	•	•		•					•	•	•		•		
MIRACLE BOND REPAIR EXPOXY					•		•				•	•	•	•	•	•				•		•						•	0					
CRACKER	Since							•				•									•													
Suitable •																																		

