Devcon®

Korrobond

Wear & Abrasion Solutions

Mining & Coal Preparation | *Cement Processing* | *Coal-Fired Power Plants* | *Pulp & Paper* | *Steel Processing*





ITW Wear & Abrasion GROUP

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About ITW Wear & Abrasion Group

ITW Wear & Abrasion Group is a global Sales, Marketing, and Technical Support group that markets, supports and promotes well-recognized brands such as Densit®, Devcon® and Korrobond.

We are utilizing ITW's global network of R&D facilities, technology centers, and manufacturing facilities within the ITW Polymers Division to develop and provide one of the most extensive lines of wear and abrasion products available. Our target industries include, but are not limited to: Mining, Coal Preparation, Cement Plants, Coal-Fired Power Plants, Pulp & Paper and Chemical Processing.

In industrial plants, unexpected or unscheduled plant shutdowns caused by wear in processing machinery, are costly and thus reduce competitiveness. Wear and abrasion or corrosion is especially familiar in those industries that process or use large quantities of abrasive material in their production process. ITW Wear & Abrasion Group's experienced sales team has detailed knowledge and experience to solve your problem. ITW Wear & Abrasion Group has the solution; whether you need to rebuild equipment to original specs or prevent failures from occurring in a preventative maintenance program.

About ITW, Our Parent Company

Illinois Tool Works Inc. (NYSE: ITW), a Fortune 200 company, is a diversified manufacturing company that delivers specialized expertise, innovative thinking and value-added products to meet critical customer needs in a variety of industries. ITW businesses serve local customers and markets around the globe, with a significant presence in developed as well as emerging markets. With $17.8 billion in 2011 revenues, ITW employs approximately 60,000 women and men in 58 countries who adhere to the highest ethical standards. These talented individuals, many of whom have specialized engineering or scientific expertise, contribute to our global leadership in innovation. We are proud of our broad portfolio of nearly 12,000 active patents. For more information about ITW, please visit www.ITW.com.

Product Technologies

Wearing Compounds are specially formulated wear-resistant epoxy coatings that protect dry materials handling and storage equipment from sliding abrasion, impact and wear. These products are trowelable, non-sag putties available in large particulate, high impact, and high temperature formulas.
Tile Adhesives are high strength, room temperature curing, trowelable adhesives that bond ceramic tiles to metal.

Belting and Rubber Repair Compounds are flexible urethane structural technologies for repairing worn or damaged SBR conveyor belts, rubber lined equipment such as pipes and tanks in mines, quarries, and coal-fired power plants. These products are in a non-sag putty for patching and repairing linings along with self-leveling thixotropic versions that create a smooth surface for repairing conveyor belts.

Corrosion Repair Compounds are ceramic filled epoxy technology to make permanent repairs to pumps, shafts, pipes, and tanks where a corrosion-resistant polymer is needed to protect all metals against corrosion and erosion in slurry applications. These products apply easily with a brush or in a creamy putty consistency that allows you to be back in service within 3-5 hours.

Metal Repair Epoxies are metal-filled epoxy technology that allows for fast, economical, permanent repairs to power plant and mining equipment. The epoxies cure quickly; can be machined, tapped and corrosion resistant to harsh chemicals. These products are available in liquid formulas that can be used for mold patterns, holding fixtures and forming dies.

Wearing Compounds

Specially formulated wear-resistant epoxy coatings that protect dry materials handling and storage equipment from abrasion, corrosion and wear. The DFense Blok™ product line is truly an advanced epoxy technology with quicker functional cure times and better abrasion resistance.

Devcon® DFense Blok™

A bead-filled epoxy compound formulated to significantly outlast traditional wear and abrasion products while providing superior protection.

- 4X better abrasion resistance than competition
- 7X better drop impact strength than ceramic tile

Item #	Size
11330	30lb

Devcon® DFense Blok™ Fast Cure (FC)

A bead-filled epoxy compound that allows equipment to be returned to service in 2 hours.

- Non-sagging , good adhesion
- Withstands operating temperature, as high as 300°F

Item #	Size
11350	9lb

Devcon® DFense Blok™ Quick Patch

The only ceramic bead-filled wear and abrasion resistant epoxy for emergency repair.

- Eliminates down-time with exceptionally fast cure
- Repairs holes, leaks and cracks

Item #	Size
11320	1lb

Devcon® DFense Blok™ Surface Wetting Agent

A thixotropic epoxy gel system that improves the ease of application and cured adhesion properties of DFense Blok™

- Zero wait time before applying DFense Blok™
- Orange color for easy visual inspection

Item #	Size
11340	1lb

Devcon® DFense Blok™ Power Mixer

Recommended for most effective way to thoroughly mix DFense Blok™ Wearing Compound.

- Durable steel paddle with three blades; 2X faster than drill-style mixers
- Plugs into standard 120V outlet.

Item #	Size
11301	81lb

Watch our Impact Test!

Technical Information

Physical Properties	Devcon® DFense Blok™	Devcon® DFense Blok™ Surface Wetting Agent	Devcon® DFense Blok™ Fast Cure (FC)	Devcon® DFense Blok™ Quick Patch
Color	Grey	Orange	Grey	Grey
Mix ratio by weight / volume resin:hardener	2:1 / 100:45	2:1/100:44	2:1/2:1	1:1/1:1
Mixed viscosity cP	Putty	Thixotropic Gel	Putty	Putty
Functional cure hours	4-5	4-5	2-3	30 minutes
Pot life minutes @ 75˚F	25	12-15	15	4
Specific volume inches^3 /pound	12.6	24.7	13.8	14.89
Coverage per pound inches^2 @ 1/4" thickness	47	1860 @ 12mils	53	60
Cured hardness (ASTM D2240) Shore D	77	71	80	84
Cured shrinkage (ASTM D2566) inch/inch	0.0005	N/A	0.0008	0.0010
Adhesive tensile shear (ASTM D1002) psi	2,616	2,616	2,764	2,495
Compressive strength (ASTM D695) psi	7,145	5,032	7,178	6,166
Flexural strength (ASTM D790) psi	7,876	6,700	7,488	4,880
Coefficient of thermal expansion (ASTM D696)[(in)/(in x ˚F)] x 10^{-6}	29	N/A	33	31
Dielectric constant (ASTM D150) 1 kHz	49.0	N/A	45	51
Maximum continuous dry service temperature ˚F	300	300	300	200

NOTES: [1] Coverage in inches^2 / 20.4 pound unit , [2] Three-part system, beads separate

Chemical Resistance	Devcon® DFense Blok™	Devcon® DFense Blok™ Surface Wetting Agent	Devcon® DFense Blok™ Fast Cure (FC)	Devcon® DFense Blok™ Quick Patch
ACIDS				
Acetic 10%	⊘	⊘	⊘	⊘
Hydrochloric 10%	◐	○	◐	●
Sulfuric 10%	◐	◐	◐	●
ALCOHOLS				
Methanol	⊘		⊘	○
Isopropanol	○	○	⊘	○
KETONES				
Acetone	○		⊘	○
Methyl ethyl ketone	⊘	○	⊘	○
ALKALIS				
Ammonium hydroxide 20%	◐		●	●
Sodium hydroxide 10%	◐	●	●	●
HYDROCARBONS				
Gasoline (unleaded)	○	○	●	●
Mineral spirits	●	●	●	●
CHLORINATED HYDROCARBONS				
1-1-1 Trichloroethane	◐	◐	◐	●
SALTS				
Sodium chloride	◐	◐	◐	●
Trisodium phosphate	◐	◐	◐	●

Key: ● Excellent ◐ Very Good ○ Fair ⊘ Poor

Wearing Compounds

Specially formulated wear-resistant epoxy coatings that protect dry materials handling and storage equipment from abrasion, corrosion and wear. These products are trowelable, non-sag putties available in large particulate, high impact, and high temperature formulas.

Devcon® Wear Guard™ Fine Load

High-density, micro-alumina ceramic bead-filled epoxy system for protecting equipment that handles particulate smaller than 1⁄8".

- Withstands operating temperatures as high as 300°F
- Outstanding resistance to a wide range of chemicals

Item #	Size
11470	30lb

Devcon® Wear Guard™ Ultra

Alumina ceramic bead-filled epoxy system with outstanding abrasion resistance for severe service conditions.

- Outstanding Wear Resistance
- Extends Equipment Operating Cycles

Item #	Size
11475	30lb

Devcon® Combo Wear FC

High-tech, three-component (2 bead sizes plus silicon carbide) compound for repairing process equipment quickly and returning it to service in as little as 1-1/2 hours.

- Excellent adhesion to metal, ceramic, and concrete surfaces
- Ideal for cracks in large coal fuel lines

Item #	Size
11450	9lb

Devcon® Wear Guard™ High Load

Alumina ceramic bead-filled epoxy system with outstanding abrasion resistance for severe service conditions with particulate greater than 1⁄8".

- Trowels onto overhead or vertical surfaces without sagging
- Ideal for repairing scrubbers, ash handling systems, pipe elbows, screens, and chutes

Item #	Size
11490	30lb

Devcon® Wear Guard™ High Impact

High density micro alumina ceramic bead-filled epoxy system with a flexible additive for superior impact and abrasion resistance

- Non sagging putty in a creamy consistency
- High compression and impact strength

Item #	Size
11460	30lb

Devcon® Wear Guard™ High Temp

High-density, ceramic bead-filled epoxy system for maximum wear and abrasion resistance in high temperature applications.

- Heat-cured, trowelable system that gives up to 30% improvement over conventional wear compounds
- Withstands continuous service temperatures to 450°F

Item #	Size
11480	30lb

Devcon® Tile Adhesive

High-strength, trowelable adhesive that cures at room temperature.

- Bonds ceramic tile to vertical, curved, and overhead surfaces and repairs loose ceramic tiles
- Excellent chemical resistance to acids and alkalis

Item #	Size
11495	20lb

Devcon® HV Tile Adhesive

High-strength, trowelable adhesive compound for bonding tile, with a 35 minute working time.

- High viscosity, great non-sag adhesive
- Fills gaps and joints in crushers prior to backing compounds

Item #	Size
11489	20llb

Devcon® Carbide Putty

Silicone carbide-filled epoxy putty for economical protection against sliding wear and abrasion.

- Excellent abrasion resistance in aggressive industrial environments
- Handles particulates less than 1/16”

Item #	Size
10050	3lb
10080	20lb

Technical Information

Physical Properties	Devcon® Wear Guard™ Fine Load	Devcon® Wear Guard™ High Load	Devcon® Wear Guard™ High Temp	Devcon® Wear Guard™ High Impact	Devcon® Wear Guard™ Ultra	Devcon® Combo Wear FC (Fast Cure)	Devcon® Tile Adhesive	Devcon® HV Tile Adhesive	Devcon® Carbide Putty
Color	Grey	Grey	Grey	Dark Grey	Grey	Grey	White	Grey	Grey
Mix ratio by weight /volume resin:hardener	2:1 / 2:1	2:1 / 2:1	13.7:1 / 6:1	2.5:1 / 2.5:1	2.15:1:5.65[2]	2:1 / 2:1	1.1:1 / 1:1	1.1:1 / 1:1	8:1 / 4:1
Mixed viscosity cP	Putty	Putty	Putty	Putty	Putty	Putty	Putty	Putty	Putty
Functional cure hours	6-8	6-8	Heat Cured	6-8	16	2-3	12	12	16
Pot life minutes @ 75˚F	30	30	120	30	20	7	240	35	50
Specific volume inches[1]/pound	12.4	12.9	14.3	12.4	11.4	12.4	19.2	19	15.9
Coverage per pound inches[2] @ 1/4" thickness	50	50	60	50	46	50	76.8	76	64
Cured hardness (ASTM D2240) Shore D	87	87	87	85	87	87	81	81	85
Cured shrinkage (ASTM D2566) inch/inch	0.0006	0.0006	0.0010	0.0006	0.0004	0.0008	0.0010	0.0010	0.0009
Adhesive tensile shear (ASTM D1002) psi	1,375	1,474	2,300	2,567	1,425	1,450	2,890	1,825	1,350
Compressive strength (ASTM D695) psi	11,000	11,000	13,200	7,250	13,910	11,000	9,620	11,800	8,160
Flexural strength (ASTM D790) psi	7,190	7,140	8,220	6,144	7,220	7,140	5,480	5,400	5,480
Coefficient of thermal expansion (ASTM D696)[(in)/(in x ˚F)] x 10^{-6}	34	32	27	34	26	34	14	14	14
Dielectric constant (ASTM D150) 1 kHz	46.0	41.0	38.0	46.0	40.0	41.0	46.0	45.0	25.0
Maximum continuous dry service temperature ˚F	300	300	450	300	300	300	200	200	250

NOTES: [2] Three-part system, beads separate

Chemical Resistance	Devcon® Wear Guard™ Fine Load	Devcon® Wear Guard™ High Load	Devcon® Wear Guard™ High Temp	Devcon® Wear Guard™ High Impact	Devcon® Wear Guard™ Ultra	Devcon® Combo Wear FC (Fast Cure)	Devcon® Tile Adhesive	Devcon® HV Tile Adhesive	Devcon® Carbide Putty
ACIDS									
Acetic 10%	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘
Hydrochloric 10%	◐	◐	●	◐	◐	○	◐	◐	○
Sulfuric 10%	◐	◐	●	◐	●	◐	◐	◐	○
ALCOHOLS									
Methanol	⊘	⊘	○	⊘	⊘	⊘	⊘	⊘	⊘
Isopropanol	⊘	⊘	○	⊘	⊘	○	○	○	⊘
KETONES									
Acetone	⊘	⊘	○	⊘	⊘	⊘	⊘	⊘	⊘
Methyl ethyl ketone	⊘	⊘	○	⊘	⊘	◐	◐	◐	⊘
ALKALIS									
Ammonium hydroxide 20%	●	●	●	●	●	●	●	●	◐
Sodium hydroxide 10%	●	●	●	●	●	●	●	●	◐
HYDROCARBONS									
Gasoline (unleaded)	●	●	●	●	●	○	○	○	◐
Mineral spirits	●	●	●	●	●	●	●	●	◐
CHLORINATED HYDROCARBONS									
1-1-1 Trichloroethane	◐	◐	●	◐	◐	◐	◐	◐	◐
SALTS									
Sodium chloride	◐	◐	●	◐	◐	◐	◐	◐	◐
Trisodium phosphate	◐	◐	●	◐	◐	◐	◐	◐	◐

Key: ● Excellent ◐ Very Good ○ Fair ⊘ Poor

Belting & Rubber Repair

Flexible urethane technologies for repairing worn or damaged SBR conveyor belts, rubber lined equipment such as pipes and tanks in mines, quarries, and coal-fired power plants. These products are in a non-sag putty for patching and repairing linings along with self-leveling thixitropic versions that create a smooth surface for repairing conveyor belts.

Devcon® R-Flex™

NEW! The newest belt repair product in the market place. A self-leveling urethane kit for repairing holes and tears in conveyor belts. Also used to cover and protect clips / pins from scrapers.

- Functional cure in 90 minutes
- High adhesion with surface pull of the SBR rubber
- Kit includes surface conditioner

Item #	Size
15550	4lb

Devcon® Flexane® Belt Repair Kit

Flexane® 80 Putty belt repair kit for repairing holes and tears in conveyor belts.

- Makes belt repairs covering up to 188 square inches at ¼" thickness
- Repairs and bonds to metals, concrete, rubber, wood, and fiberglass

Item #	Size
15165	Kit

Devcon® Flexane® High Performance Putty

Trowelable lining for maximum protection against abrasion, gouging and impact.

- Cures to a tough (tear strength 400 pli), resilient rubber compound (Hardness 78 Shore A)
- Bonds to metal, rubber, wood, fiberglass, and concrete

Item #	Size
15330	1lb

Devcon® Flexane® 80 Putty

Trowelable urethane for repairing and lining process equipment exposed to wear, abrasion, vibration or expansion/contraction.

- Service temperatures to 180°F in dry environments and 120°F in wet environments
- Bonds to metal, concrete, rubber, wood, and fiberglass surfaces

Item #	Size
15820	1lb
15850	4lb

Devcon® Flexane® Brushable

High-performance brushable urethane for protection against abrasion and impact.

- Excellent for repairing/coating rubber-lined pumps, tanks and valves
- Applies in thicknesses of 50 mils in one application

Item #	Size
15350	1lb

Devcon® Flexane® Fast Cure Putty

Black Flexane® Fast Cure thickens to a putty in seconds providing superior flexibility, elongation and adhesion to rubber.

- Light service duty in 3 hours
- Thixotropic , creamy formula which thickens in time
- Dispenser #15043 (manual) Nozzle #15047

Item #	Size
15049	400ml cartridge

Devcon® Flexane® FC Liquid

A convenient, time-saving method of filling expansion joints and repairing rubber.

- 8-minute working time
- No-mess dispensing with fast, easy, 400ml reusable cartridges
- Dispenser: #15043 (manual) Nozzle #15047

Item #	Size
15050	400ml cartridge

Devcon® 400ml Dispensing System

Manual dispensing gun and custom design mixing nozzle for 4:1 400 ml systems.

- Used with Flexane® Fast Cure Putty #15049 & Flexane® Fast Cure Liquid #15050

Item #	Size
15043	400ml gun
15047	Nozzle (Ø.394" 4:1 ratio)

Technical Information

Physical Properties	Devcon® R-Flex™	Devcon® Flexane® Belt Repair Kit	Devcon® Flexane® 80 Putty	Devcon® Flexane® Brushable	Devcon® Flexane® High Performance Putty	Devcon® Flexane® Fast Cure Putty	Devcon® Flexane® Fast Cure Liquid
Color	Black	Black	Black	Black	Black	Black	Grey
Mix ratio by weight resin:hardener	88:12	72:28	72:28	80:20	94:6	80:20	80:20
Mixed viscosity cP	Putty	Putty	Putty	40,000	Putty	Putty	5,800
Pot life minutes @ 75˚F	4	20	20	45	10	8	8
Specific volume inches^3/ pound	27.4	23.5	23.5	26.0	23.5	23.5	26.5
Coverage per pound inches^2 @ 1/4" thickness	110	94	94	104	94	94	106
Functional cure hours	1 1/2	12	12	18	16	3	2
Demolding time hours	N/A	N / A	N/A	N/A	N/A	N/A	N/A
Cured hardness (ASTM D2240) Shore A	92	87	87	86	78	88	94
Cured shrinkage (ASTM D2566) inch/inch	NA	0.0014	0.0014	0.232	0.12[2]	0.0014	0.0018
Tensile strength (ASTM D412) psi	1,462	1,700	1,700	3,500	4,500	2,400	3,300
Tear resistance (ASTM D624) pli	270	300	300	400	400	275	430
Abrasion resistance weight loss[1]	270	280	280	90	140	220	330
Maximum elongation (ASTM D412) %	421	300	300	600	600	500	450
Dielectric strength (ASTM D149) volts/mil	350	350	350	340	350	350	350
Maximum continuous wet service temperature ˚F	120	120	120	120	120	120	120
Maximum continuous dry service temperature ˚F	180	180	180	180	180	180	180

NOTES: [1] Taber H-18 wheel (mg/ 1,000 revolutions @ 1,000 gram load) [2] Due to solvent loss

Chemical Resistance	Devcon® R-Flex™	Devcon® Flexane® Belt Repair Kit	Devcon® Flexane® 80 Putty	Devcon® Flexane® Brushable	Devcon® Flexane® High Performance Putty	Devcon® Flexane® Fast Cure Putty	Devcon® Flexane® Fast Cure Liquid
ACIDS							
Acetic 10%	◐	⊘	⊘	⊘	⊘	⊘	⊘
Hydrochloric 10%	○	◐	◐	○	○	◐	◐
Sulfuric 10%	○	◐	◐	○	○	◐	◐
Sulfuric 50%	○	◐	◐	○	○	◐	◐
Phosphoric 10%	○	◐	◐	○	○	◐	◐
ALCOHOLS							
Methanol	⊘	⊘	⊘	⊘	⊘	⊘	⊘
Isopropanol	⊘	⊘	⊘	⊘	⊘	⊘	⊘
KETONES							
Acetone	⊘	⊘	⊘	⊘	⊘	⊘	⊘
Methyl ethyl ketone	⊘	⊘	⊘	⊘	⊘	⊘	⊘
ALKALIS							
Ammonium hydroxide 20%	◐	◐	◐	◐	◐	◐	◐
Sodium hydroxide 10%	◐	◐	◐	◐	◐	◐	◐
HYDROCARBONS							
Gasoline (unleaded)	○	⊘	⊘	⊘	⊘	⊘	⊘
Mineral spirits	○	⊘	⊘	⊘	⊘	⊘	⊘
SALTS							
Sodium chloride	◐	◐	◐	◐	◐	◐	◐
Trisodium phosphate	◐	◐	◐	◐	◐	◐	◐
Aluminum sulfate 10%	◐	◐	◐	◐	◐	◐	◐
Sodium carbonate 10%	◐	◐	◐	◐	◐	◐	◐

Key: ● Excellent ◐ Very Good ○ Fair ⊘ Poor

Belting & Rubber Repair

Flexible urethane technologies for repairing worn or damaged SBR conveyor belts, rubber lined equipment such as pipes and tanks in mines, quarries, and coal-fired power plants. These products are in a non-sag putty for patching and repairing linings along with self-leveling thixotropic versions that create a smooth surface for repairing conveyor belts.

Devcon® Flexane® 80 Liquid

Medium-viscosity (10,000 cP) urethane fills voids completely and faithfully reproduces mold detail.

- Cures to semi-rigid rubber (Shore A 87)
- Cures at room temperature to a semi-rigid rubber material

Item #	Size
15800	1lb
15810	10lb

Devcon® Flexane® 94 Liquid

Low-viscosity (6,000 cP) urethane fills voids completely and faithfully reproduces mold detail.

- Similar to Flexane® 80 Liquid, but cures to (Shore A 97)
- Requires only a five hour demolding time

Item #	Size
15250	1lb
15260	10lb

Devcon® Flexane® Primer

Required for maximum adhesion of Flexane® products.
FL-10 Primer for all metals.
FL-20 Primer for rubber, wood, fiberglass and concrete.
FL-40 Primer for rubber. Ensures ultimate peel strength (greater than 80 psi)

Item #	Primer	Size
15980	FL-10	4oz
15985	FL-20	4oz
15984	FL-40	4oz

Devcon® Flex-Add™

Used with Flexane® 80 Liquid to produce a more flexible urethane.

- Creates a lower durometer castable urethane
- Can match existing hardness of rubber

Item #	Size
15940	8oz

Devcon® Liquid Release Agent

Silicone release agent prevents Devcon's epoxy and urethane compounds from sticking to patterns or mold surfaces.

- Produces a high gloss finish
- Facilitates the accurate duplication of intricate details

Item #	Size
19600	1pt

Technical Information

Physical Properties	Devcon® Flexane® 80 Liquid	Devcon® Flexane® 94 Liquid
Color	Black	Black
Mix ratio by weight resin:hardener	77:23	69:31
Mixed viscosity cP	10,000	6,000
Pot life minutes @ 75˚F	30	10
Specific volume inches^3/pound	26.5	26.5
Coverage per pound inches^2 @ 1/4" thickness	106	106
Functional cure hours	16	16
Demolding time hours	10	5
Cured hardness (ASTM D2240) Shore A	87	97
Cured shrinkage (ASTM D2566) inch/inch	0.0018	0.0014
Tensile strength (ASTM D412) psi	2,100	2,800
Tear resistance (ASTM D624) pli	350	415
Abrasion resistance weight loss[1]	285	330
Maximum elongation (ASTM D412) %	650	500
Dielectric strength (ASTM D149) volts/mil	350	350
Maximum continuous wet service temperature ˚F	120	120
Maximum continuous dry service temperature ˚F	180	180

NOTES: [1] Taber H-18 wheel (mg/ 1,000 revolutions @ 1,000 gram load)

Chemical Resistance	Devcon® Flexane® 80 Liquid	Devcon® Flexane® 94 Liquid
ACIDS		
Acetic 10%	⊘	⊘
Hydrochloric 10%	◐	◐
Sulfuric 10%	◐	◐
Sulfuric 50%	◐	◐
Phosphoric 10%	◐	◐
ALCOHOLS		
Methanol	⊘	⊘
Isopropanol	⊘	⊘
KETONES		
Acetone	⊘	⊘
Methyl ethyl ketone	⊘	⊘
ALKALIS		
Ammonium hydroxide 20%	◐	◐
Sodium hydroxide 10%	◐	◐
HYDROCARBONS		
Gasoline (unleaded)	⊘	⊘
Mineral spirits	⊘	⊘
SALTS		
Sodium chloride	◐	◑
Trisodium phosphate	◐	◑
Aluminum sulfate 10%	◐	◑
Sodium carbonate 10%	◐	◑

Key: ● Excellent ◐ Very Good ○ Fair ⊘ Poor

Corrosion Repair Compounds

Ceramic filled epoxy technology used to make permanent repairs to pumps, shafts, pipes, and tanks where a corrosion-resistant polymer is needed to protect all metals against corrosion and erosion in slurry applications. These products apply easily with a brush or trowel.

Devcon® Titanium Putty

High-performance, nonrusting titanium-reinforced epoxy putty for making repairs that can be precision machined.

- Withstands heavy loads in harsh chemical environments
- High compressive strength

Item #	Size
10760	1lb
10770	2lb

Devcon® Ceramic Repair Putty

Trowelable, alumina-filled epoxy compound for rebuilding, smoothing and protecting processing equipment exposed to corrosion, erosion, cavitation, chemicals and acids.

- Temperature range up to 350°F
- Excellent for filling voids and rebuilding metal castings

Item #	Size
11700	3lb

Devcon® Ceramic Repair Compound

Trowelable, alumina-filled epoxy compound with a 45-minute pot life and larger kit size for bigger jobs of rebuilding, smoothing and protecting processing equipment.

- Temperature range up to 350°F
- Excellent for filling voids and rebuilding metal castings

Item #	Size
11730	32lb

Devcon® Brushable Ceramic

When applied in a 15-20 mil coating, this low-viscosity, alumina-filled, brushable epoxy compound produces a smooth, protective barrier against wear, abrasion, corrosion, erosion and chemical attack.

- Temperature range up to 350°F
- Brushable Ceramic white is NSF 61 Certified.

Item #	Size
11760	2lb (red)
11762	12lb (red)
11765	2lb (blue)
11767	12lb (blue)
11770	2lb (white)

Technical Information

Physical Properties	Devcon® Titanium Putty	Devcon® Brushable Ceramic Red, Blue	Devcon® Brushable Ceramic White	Devcon® Ceramic Repair Putty	Devcon® Ceramic Repair Compound
Color	Grey	Red, Blue	White	Dark Blue	Dark Blue
Mix ratio by weight / volume resin:hardener	4.3:1 / 3:1	5.6:1 / 3.4:1	8:5:1 / 5:6:1	7:1 / 4.3:1	4.7:1 / 3.3/1
Mixed viscosity cP	Putty	32,000	40,000	Putty	Putty
Functional cure hours	16	16	16	16	16
Pot life minutes @ 75˚F	21	40	21	25	45
Specific volume inches^3/pound	11.7	17.5	16.5	16.4	17.9
Coverage per pound inches^2 @ 1/4" thickness	47	7.6[1]	7.6[1]	66	72
Cured hardness (ASTM D2240) Shore D	87	90	87	90	86
Cured shrinkage (ASTM D2566) inch/inch	0.0010	0.0020	0.0020	0.0022	0.0024
Adhesive tensile shear (ASTM D1002) psi	2,000	2,000	2,000	2,000	2,231
Compressive strength (ASTM D695) psi	15,200	15,200	15,200	12,700	10,240
Flexural strength (ASTM D790) psi	7,700	3,800	3,800	6,475	5,870
Modulus of elasticity (ASTM D638) psi x 105	9.5	8,000	8,000	9.0	8.1
Coefficient of thermal expansion (ASTM D696) [(in)/(in x ˚F)] x 10^{-6}	22	9.0	9.0	17	20
Thermal conductivity (ASTM C177) [(cal x cm)/(sec x cm2 x ˚C)] x 10^{-3}	1.95	19	19	1.88	1.72
Dielectric constant (ASTM D150) 1 kHz	44.8	1.92	1.92	41.0	38.0
Dielectric strength (ASTM D149) volts/mil	56	382	382	370	350
Maximum continuous dry service temperature ˚F	350	350	350	350	350

NOTES: [1] Coverage (feet^2 @ 15mils)

Chemical Resistance	Devcon® Titanium Putty	Devcon® Brushable Ceramic Red, Blue	Devcon® Brushable Ceramic White	Devcon® Ceramic Repair Putty	Devcon® Ceramic Repair Compound
ACIDS					
Acetic 10%	⊘	⊘	⊘	⊘	⊘
Hydrochloric 10%	●	●	●	●	●
Sulfuric 10%	◐	◐	◐	◐	◐
ALCOHOLS					
Methanol	●	●	●	●	●
Isopropanol	●	●	●	●	●
KETONES					
Acetone	⊘	⊘	⊘	⊘	⊘
Methyl ethyl ketone	⊘	⊘	⊘	⊘	⊘
ALKALIS					
Ammonium hydroxide 20%	●	●	●	●	●
Sodium hydroxide 10%	●	●	●	●	●
HYDROCARBONS					
Gasoline (unleaded)	●	◐	◐	●	●
Mineral spirits	●	●	●	●	●
CHLORINATED HYDROCARBONS					
1-1-1 Trichloroethane	●	●	●	●	●
SALTS					
Sodium chloride	●	●	●	●	●
Trisodium phosphate	●	●	●	●	●

Key: ● Excellent ◐ Very Good ○ Fair ⊘ Poor

Metal Repair Epoxies

Metal-filled epoxy technology that allow for fast economical permanent repairs to power plant and mining equipment. They can be machined, tapped and drilled, and corrosion resistant to harsh chemicals. These products are available in pourable versions that can be used to provide accurate detail reproductions for short run prototype mold patterns, holding fixtures and forming dies.

Devcon® Plastic Steel® Putty (A)

The original metal-filled epoxy putty, it is ideal for repairing areas where welding or brazing would be impractical.

- Can be drilled, tapped and machined.
- Conforms to the requirements of MIL-PRF-24176C, Type I

Item #	Size
10110	1lb
10120	4lb
10130	25lb

Devcon® Plastic Steel® Liquid (B)

A pourable steel-filled epoxy that provides accurate detail reproduction in making holding fixtures, light gauge forming dies and molds.

- Can be drilled, tapped and machined
- Qualifies under Federal Specification MMM-A-1754, Adhesive/Sealing

Item #	Size
10210	1lb
10220	4lb
10230	25lb

Devcon® Aluminum Putty

Aluminum-filled epoxy putty for dependable nonrusting repairs to aluminum castings, machinery and equipment.

- Can be machined drilled or tapped using conventional metalworking tools
- Widely used in HVAC applications, it conforms to requirements of MIL-PRF-24176C, Type II

Item #	Size
10610	1lb
10620	3lb

Devcon® Stainless Steel Putty (ST)

Stainless steel-filled epoxy putty for patching, repairing and rebuilding stainless steel surfaces as well as food processing equipment.

- Bonds to ferrous and non-ferrous metals
- NSF 61 Certified

Item #	Size
10270	1lb

Devcon® Plastic Steel® 5 Minute® Putty (SF)

Fast-curing, steel-filled epoxy for emergency repairs at temperatures as low as 40°F.

- Repaired parts can be returned to service within one hour
- Mixes, applies, and cures at temperatures as low as 40°F

Item #	Size
10240	1lb

Devcon® Aluminum Liquid (F-2)

Aluminum-filled pourable epoxy for making molds, patterns and holding fixtures.

- It can be drilled, tapped and machined
- Hardens in just over 1 hour; cures in 16 hours
- Qualifies under Federal Specification MMM-A-1754, Adhesive/Sealing

Item #	Size
10710	1lb
10720	3lb

Technical Information

Physical Properties	Devcon® Plastic Steel® Putty (A)	Devcon® Plastic Steel® Liquid (B)	Devcon® Plastic Steel® 5 Minute® Putty (SF)	Devcon® Stainless Steel Putty (ST)	Devcon® Aluminum Putty (F)	Devcon® Aluminum Liquid (F-2)
Color	Dark Grey	Dark Grey	Dark Grey	Grey	Aluminum	Aluminum
Mix ratio by weight / volume resin:hardener	9:1 / 2.5:1	9:1 / 3:1	1.7:1 / 1:1	11:1 / 3.75:1	9:1 / 4:1	9:1 / 5:1
Mixed viscosity cP	Putty	15 / 25,000	Putty	Putty	Putty	15 / 25,000
Functional cure hours	16	16	1	16	16	16
Pot life minutes @ 75˚F	45	45	5	58	60	75
Specific volume inches^3/pound	11.9	13.1	12.2	12.4	17.5	17.5
Coverage per pound inches^2 @ 1/4" thickness	48	52	49	50	70	70
Cured hardness (ASTM D2240) Shore D	85	85	85	85	85	85
Cured shrinkage (ASTM D2566) inch/inch	0.0006	0.0006	0.0006	0.0010	0.0008	0.0009
Adhesive tensile shear (ASTM D1002) psi	2,800	2,800	2,026	2,385	2,600	2,700
Compressive strength (ASTM D695) psi	8,260	10,200	10,400	8,400	8,420	9,820
Flexural strength (ASTM D790) psi	5,600	7,480	7,680	5,280	6,760	7,180
Modulus of elasticity (ASTM D638) psi x 10^5	8.5	8.5	7.5	8.0	8.0	7.5
Coefficient of thermal expansion (ASTM D696) [(in)/(in x ˚F)] x 10^{-6}	48	38	34	34	29	50
Thermal conductivity (ASTM C177) [(cal x cm)/(sec x cm^2 x ˚C)] x 10^{-3}	1.37	1.39	2.65	1.23	1.73	1.58
Dielectric constant (ASTM D150) 1 kHz	67.5	67.5	35.0	75.0	21.4	8.6
Dielectric strength (ASTM D149) volts/mil	30	30	30	30	100	100
Maximum continuous dry service temperature ˚F	250	250	200	250	250	250

Chemical Resistance	Devcon® Plastic Steel® Putty (A)	Devcon® Plastic Steel® Liquid (B)	Devcon® Plastic Steel® 5 Minute® Putty (SF)	Devcon® Stainless Steel Putty (ST)	Devcon® Aluminum Putty (F)	Devcon® Aluminum Liquid (F-2)
ACIDS						
Acetic 10%	⊘	⊘	⊘	⊘	⊘	⊘
Hydrochloric 10%	◐	◐	○	◐	◐	◐
Sulfuric 10%	◐	◐	○	◐	◐	◐
ALCOHOLS						
Methanol	⊘	⊘	⊘	⊘	○	⊘
Isopropanol	⊘	⊘	⊘	⊘	⊘	⊘
KETONES						
Acetone	⊘	⊘	⊘	⊘	⊘	⊘
Methyl ethyl ketone	⊘	⊘	⊘	⊘	⊘	⊘
ALKALIS						
Ammonium hydroxide 20%	◐	◐	○	◐	⊘	○
Sodium hydroxide 10%	◐	◐	○	◐	○	○
HYDROCARBONS						
Gasoline (unleaded)	◐	◐	◐	◐	◐	◐
Mineral spirits	◐	◐	◐	◐	◐	◐
CHLORINATED HYDROCARBONS						
1-1-1 Trichloroethane	◐	◐	○	◐	◐	◐
SALTS						
Sodium chloride	◐	◐	○	◐	◐	◐
Trisodium phosphate	◐	◐	○	◐	◐	◐

Key: ● Excellent ◐ Very Good ○ Fair ⊘ Poor

Metal Repair Epoxies

Metal-filled epoxy technology that allow for fast economical permanent repairs to power plant and mining equipment. They can be machined, tapped and drilled, and corrosion resistant to harsh chemicals. These products are available in pourable versions that can be used to provide accurate detail reproductions for short run prototype mold patterns, holding fixtures and forming dies.

Devcon® Bronze Putty

Bronze-filled epoxy putty for repairing bronze and brass bushings, shafts, castings and equipment parts.

- Repairs and rebuilds areas where brazing would be undesirable or impossible
- Bonds securely to bronze alloys, brass, copper, and ferrous metals

Item #	Size
10260	1lb

Devcon® FasMetal™

High-performance, alumina-filled epoxy for making fast, dependable emergency repairs to leaks in pipes.

- Hardens in 5 minutes
- Economical and convenient

Item #	Size
10780	1lb

Devcon® HVAC Repair (Special F)

Aluminum-filled epoxy adhesive for HVAC repairs.

- Repairs coils in compressors
- Hardens to a rigid bond that can be ground, drilled or tapped

Item #	Size
19770	1lb

Devcon® Wear Resistant Putty (WR2)

Smooth, non-rusting, all-purpose epoxy putty for repairs requiring low-friction finishes, such as machine lathe beds.

- Bonds to steel, iron, aluminum, ceramic, concrete, brass, and some plastics
- Contains wear-resistant fillers for low friction applications

Item #	Size
11410	1lb
11420	3lb

Devcon® Underwater Repair (UW)

High-performance technology for repairing, patching, and rebuilding equipment in habitually wet environments, including under water.

- Non-rusting; easy-to-mix and apply
- Eliminates the need for substrate to be thoroughly dry before repair

Item #	Size
10260	1lb

Devcon® Liquid Release Agent

Silicone release agent prevents Devcon's epoxy and urethane compounds from sticking to patterns or mold surfaces.

- Produces a high gloss finish
- Facilitates the accurate duplication of intricate details

Item #	Size
19600	1pt

Devcon® Cleaner Blend 300

Safe, multi-purpose, nontrichloroethane based degreaser for removing heavy grease and oil from metal surfaces.

- Needs no rinsing; leaves no residue
- Evaporates fast

Item #	Size
19510	1pt

Technical Information

Physical Properties	Devcon® Bronze Putty (BR)	Devcon® Wear Resistant Putty (WR-2)	Devcon® Underwater Repair Putty (UW)	Devcon® FasMetal™	Devcon® HVAC Repair (Special F)
Color	Bronze	Dark Grey	Grey	Grey	Grey
Mix ratio by weight / volume resin:hardener	9:1 / 3:1	9:1 / 4:1	1.4:1 / 1:1	1.07:1 / 1:1	0.9:1 / 1:1
Mixed viscosity cP	Putty	Putty	Putty	Putty	40,000
Functional cure hours	16	16	24	1	16
Pot life minutes @ 75˚F	35	45	45	4	60
Specific volume inches^3/pound	12.4	13.9	17.0	17.2	16.1
Coverage per pound inches^2 @ 1/4" thickness	50	56	68	69	64
Cured hardness (ASTM D2240) Shore D	85	85	82	90	85
Cured shrinkage (ASTM D2566) inch/inch	0.0010	0.0005	0.0020	0.0093	0.0008
Adhesive tensile shear (ASTM D1002) psi	2,680	2,200	2,685	2,000	2,500
Compressive strength (ASTM D695) psi	8,540	9,800	5,625	12,700	8,420
Flexural strength (ASTM D790) psi	6,180	6,500	4,990	7,700	6,260
Modulus of elasticity (ASTM D638) psi x 10^5	8.0	7.5	7.5	8.5	7.8
Coefficient of thermal expansion (ASTM D696) [(in)/(in x ˚F)] x 10^{-6}	33	32	18	32	29
Thermal conductivity (ASTM C177) [(cal x cm)/(sec x cm^2 x ˚C)] x 10^{-3}	1.57	1.67	1.41	2.04	1.73
Dielectric constant (ASTM D150) 1 kHz	75.0	6.3	8.6	18.6	21.4
Dielectric strength (ASTM D149) volts/mil	25	400	150	370	100
Maximum continuous dry service temperature ˚F	250	250	250	250	250

Chemical Resistance	Devcon® Bronze Putty (BR)	Devcon® Wear Resistant Putty (WR-2)	Devcon® Underwater Repair Putty (UW)	Devcon® FasMetal™	Devcon® HVAC Repair (Special F)
ACIDS					
Acetic 10%	⊘	⊘	⊘	⊘	⊘
Hydrochloric 10%	◐	◐	○	○	○
Sulfuric 10%	◐	◐	○	○	○
ALCOHOLS					
Methanol	⊘	⊘	⊘	⊘	⊘
Isopropanol	⊘	⊘	⊘	⊘	⊘
KETONES					
Acetone	⊘	⊘	⊘	⊘	⊘
Methyl ethyl ketone	⊘	⊘	⊘	⊘	⊘
ALKALIS					
Ammonium hydroxide 20%	◐	◐	◐	○	⊘
Sodium hydroxide 10%	◐	◐	◐	○	⊘
HYDROCARBONS					
Gasoline (unleaded)	◐	◐	◐	◐	◐
Mineral spirits	◐	◐	◐	◐	◐
CHLORINATED HYDROCARBONS					
1-1-1 Trichloroethane	◐	◐	◐ ◐	○	○
SALTS					
Sodium chloride	◐	◐	◐	○	◐
Trisodium phosphate	◐	◐	◐	○	◐

Key: ● Excellent ◐ Very Good ○ Fair ⊘ Poor

Crusher Backing Compounds

Korrobond

NOW AVAILABLE IN NORTH AMERICA

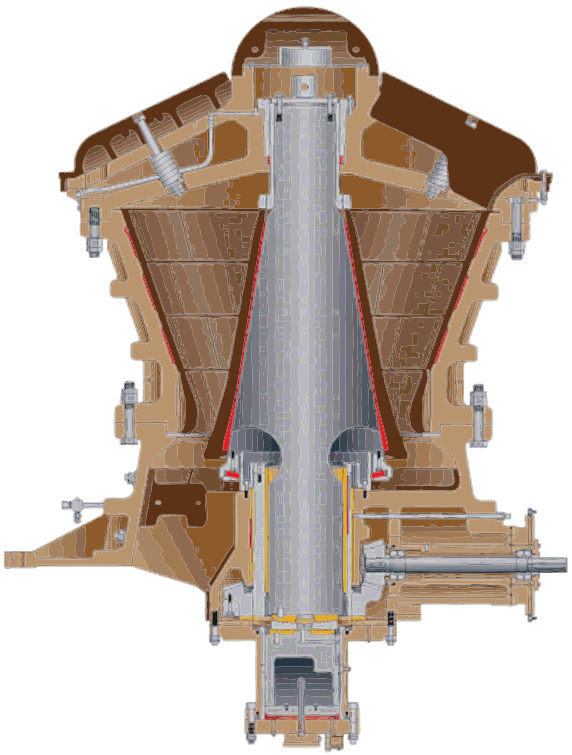
The Korrobond 95 product maintains cone-crushing machinery to an optimal level, ensuring peak performance and reliable solutions that;

- Prolong the life of the machinery while protecting against impact and shock vibrations
- Enhance productivity
- Offers maximum savings on labor
- Are easily applied by engineering personnel with minimal training
- Has a proven track record to perform in all types of cone crushers and climates

Korrobond crusher backing compounds are two component products used as shock absorbing compounds in cone crushing machines. Extensively used within the quarrying and mining industries, Korrobond has a worldwide reputation for reliability. Korrobond products are formulated to produce a low viscosity, tough and flexible backing. Korrobond serves as a backing and reinforcing layer between machine parts and as a damper when subjected to impact and shock loads.

Crusher Backing Compounds

Korrobond



Korrobond 95
High-strength epoxy liquid for use in rod, ball, pebble and autogenous mills, as well as in cone and gyratory crushers.

- Easy to pour, low viscosity liquid
- Negligible shrink and low exothermic reaction, which assures consistent interface between epoxy and manganese or steel surfaces

Item #	Size
81095	20lb kit

Technical Information

Physical Properties	Korrobond 95
Color	Red
Mix ratio by weight / volume resin:hardener	100:5.94 / 9.9:1
Mixed viscosity cP	10,320
Functional cure hours	8-10
Pot life minutes @ 75˚F	56
Specific volume inches^3/pound	17.2
Coverage per kit inches^2@ 1/4" thickness	349[1]
Cured hardness (ASTM D2240) Shore D	85
Cured shrinkage (ASTM D2566) inch/inch	0.0006
Adhesive tensile shear (ASTM D1002) psi	5,300
Lap Sheer (psi)	1,179
Compressive strength (ASTM D695) psi	13,510
Flexural strength (ASTM D790) psi	10,310
Coefficient of thermal expansion (ASTM D696) [(in)/(in x ˚F)] x 10^{-6}	22
Side Impact (in - lbs)	41
Maximum continuous dry service temperature ˚F	250

[1] Coverage in inches^2 / 20.4 pound unit

Chemical Resistance	Korrobond 95
ACIDS	
Acetic 10%	⊘
Hydrochloric 10%	◐
Sulfuric 10%	⊘
ALCOHOLS	
Methanol	⊘
Isopropanol	⊘
KETONES	
Acetone	⊘
Methyl ethyl ketone	⊘
ALKALIS	
Ammonium hydroxide 20%	◐
Sodium hydroxide 10%	◐
HYDROCARBONS	
Gasoline (unleaded)	◐
Mineral spirits	◐
CHLORINATED HYDROCARBONS	
1-1-1 Trichloroethane	⊘
SALTS	
Sodium chloride	◐
Trisodium phosphate	◐

Surface Preparation

The key to a successful repair is proper preparation and thorough cleaning prior to applying repair products or protective coatings.

General Surface Preparation

In general, the following steps will help you properly prepare a surface prior to applying Devcon® products:

1) Make sure the surface is completely dry. Moisture will adversely affect the strength of the bond to the surface.
2) Remove all surface contamination (paint, rust and grime) by abrasive blasting, sanding or other mechanical means.
3) Degrease with Devcon® Cleaner Blend 300.
4) Abrade the surface to roughen it and create a surface profile.
5) Use the appropriate Devcon® primer.

For detailed surface preparation procedures, refer to the appropriate substrate category and tech data sheet.

Aluminum Surfaces

Oxidation on aluminum surfaces reduces epoxy adhesion. This oxidation film must be removed before repairing aluminum with Devcon® Metal Repair Epoxies.

To properly prepare an aluminum surface:

1) Remove oxidation by mechanical means such as grit-blasting or by chemical means such as acid etching.
2) Follow the General Surface Preparation guidelines.

Metal

To properly prepare a metal surface:

1) If the surface is oily or greasy, degrease it with Devcon® Cleaner Blend 300.
2) Abrasive-blast the surface with 25-40 grit (or coarser) to produce a good surface profile. If you cannot abrasive-blast the surface, use a 60 grit or coarser sandpaper to achieve a similar result.
3) Immediately coat the metal surface with Flexane® FL-10 Primer to prevent it from rusting.
4) Make repairs as soon as possible after blasting the substrate to avoid oxidation or flash rusting.

Rubber

To properly prepare a rubber surface:

1) Abrade the surface using a rubber rasp or a grinder with a wire wheel to produce a good surface profile. (Oils and contaminants imbedded in the rubber surface are typically released in this process.)
2) Remove all oil and grease from the rubber surface with Devcon® Cleaner Blend 300 and an abrasive pad.
3) Wipe the surface with a clean, lint-free cloth continuously until black residue is no longer picked up by the white cloth.
4) Prime the surface as follows:

   Rubber to metal: Coat all metal surfaces (including stainless steel and aluminum) with two coats of Flexane® FL-10 Primer. The primer will significantly improve adhesion of Devcon products to metal.

Rubber

Rubber to metal (for immersion service):
Coat any metal that will be immersed in an aqueous solution with Flexane® FL-10 Primer and Flexane® FL-20 Primer. First apply the FL-10 Primer and let dry for 60 minutes. Next, coat with the FL-20 Primer. Let dry for 30 minutes before applying the Devcon® product.

Rubber to rubber: Coat all gum rubbers, neoprene or cured urethanes with a thin coat of Flexane® FL-20 Primer. For ultimate peel strength, use Surface Conditioner (on rubber only).

Rubber to concrete: Coat concrete with Flexane® FL-20 Primer. Multiple coats may be necessary because concrete is very porous. Let the primer dry for 30 minutes between coats.

Rubber to wood or fiberglass: Coat these surfaces with Flexane® FL-20 Primer. Soft woods will require a second coat due to their absorption characteristics.

When bonding rubber to other surfaces, contact Technical Service for a recommendation on primers and surface preparation procedures.

Concrete

To properly prepare a concrete surface:

1) Degrease the surface with Devcon® Cleaner Blend 300 or any water-based emulsifying cleaner and rinse thoroughly. Multiple cleanings may be necessary. Power washers or steam cleaners are very effective and can reduce the number of passes needed to clean the surface. Let the surface dry thoroughly before proceeding.
2) Remove any cap-curing agents that were applied to the concrete when it was poured. These agents form a dense, impenetrable finish, making it almost impossible for coatings to adhere to them.
3) Shot blast (Blastrac®) the concrete to create a porous surface profile. This will improve surface "wetting" and coating or repair product adhesion.

Wet Surfaces

In general, Devcon® repair products and protective coatings will not adhere to wet surfaces.

To properly repair a wet surface:

1) Review the General Surface Preparation guidelines.
2) Thoroughly dry the surface. (If you are using Devcon® Underwater Repair Putty (UW), refer to Underwater Surfaces section.)
3) Stop all leaks or seepage as follows:
   - Shut off the flow or pressure;
   - Fit a wooden peg or a sheet metal screw into the hole; or
   - Stuff wax, cork, plumber's caulk, Mortite or a cloth into the opening.

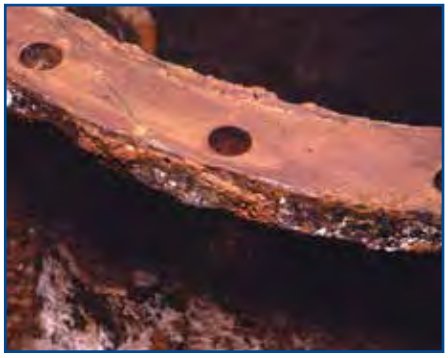
   If the leak is caused by corrosion, the sidewall might be weak. Open the orifice until sound metal is exposed and the wall is thick enough to be plugged.
4) Remove surface condensation (sweating) or dampness with a heat gun or similar device.

Underwater Surfaces

To properly prepare an underwater surface:

1) Remove all dirt, barnacles, flaking paint or algae/seaweed from the surface.
2) Wipe the surface with a clean cloth to remove any film. Although you cannot degrease underwater, wiping and turning a clean cloth will often remove any film from the surface.
3) Abrade the surface if possible. (Use a file or other mechanical means.)
4) Remove oxidation by mechanical means such as high-pressure water or grit-blasting, or by chemical means such as acid etching.

Before



After

If you have questions, please contact Technical Service: 1-855-489-7262

Agency Approvals

Specification	Product	Part #	Size
MIL-PRF-24176C, Type I	Plastic Steel® Putty (A)	10110, 10120, 10130	1lb, 4lb, 25lb
MIL-PRF-24176C, Type I	Titanium Putty	10760, 10770	1lb, 2lb
MIL-PRF-24176C, Type I	Ceramic Repair Putty	11700	3lb
MIL-PRF-24176C, Type II	Aluminum Putty (F)	10610, 10620	1lb, 3lb
MMM-A-1754	Plastic Steel® Liquid (B)	10210, 10220, 10230	1lb, 4lb, 25lb
MMM-A-1754	Aluminum Liquid (F-2)	10710, 10720	1lb, 3lb
ABS	Flexane® Brushable	15350	1lb
ABS	Plastic Steel® Putty (A)	10110, 10120, 10130	1lb, 4lb, 25lb
ABS	Plastic Steel® 5 Minute® Putty (SF)	10240	1lb
ABS	Titanium Putty	10760, 10770	1lb, 2lb
ABS	Stainless Steel Putty (ST)	10270	1 lb
ABS	Bronze Putty	10260	1 lb
ABS	Ceramic Repair Putty	11700	3lb
ABS	Plastic Steel® Liquid (B)	10210, 10220, 10230	1lb, 4lb, 25lb
ABS	Aluminum Liquid (F2)	10710, 10720	1lb, 3lb
ABS	Brushable Ceramic Red	11760, 11762	2lb, 12lb
ABS	Brushable Ceramic Blue	11765, 11767	2lb, 12lb
ABS	Brushable Ceramic White	11770	2lb
NSF/ANSI 61	Stainless Steel Putty	10270	1 lb
NSF/ANSI 61	Brushable Ceramic White	11770	2 lb

ABS

NSF
ANSI/NSF61

Product Index

MSDS/TDS

All MSDS and TDS are available on our website at www.devcon.com

Customer Service

All purchase orders are placed with ITW Polymers Adhesives North America.

Warranty

Warranty: ITW Polymers Adhesives, North America will replace any material found defective. Because of the storage, handling and application of this material is beyond our control, we can accept no liability for the reults obtained.

Disclaimer

All information is based on laboratory testing and is not intended for design purposes. ITW Polymers Adhesives North America makes no representations or warranties of any kind concerning this data.

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