

Devcon Maintenance, Repair and Overhaul Systems



Devcon®

Devcon Maintenance, Repair and Overhaul

Devcon products are the result of 50 years experience, all developed to be easily and safely applied by your own personnel. They provide effective problem solutions throughout industry and even at sea. They are used extensively in plant facilities and equipment MRO, for emergency repairs and in OEM applications, particularly in the heavy engineering, automotive, construction and shipping industry sectors.

Devcon products and systems include:

- Metal filled epoxy alternatives to welding and brazing
- Systems for rubber and conveyor belt repairs
- Repairs to all different metals, plastics and ceramics
- Protective coatings and backing systems to reduce abrasion
- High strength adhesives for industrial bonding
- Easy to use systems for floor repairs and protection
- Fast and precise tooling and mould making resins

Devcon products and systems:

- Extend the life of your machinery
- Reduce and prevent costly downtime
- Increase your productivity
- Make prototyping easy
- Simplify the production line alterations
- Make safe and secure bonded assemblies
- Come with innovative application and dispensing equipment
- Prevent slips, trips and falls
- Have local technical advice, support and training
- Available from an extensive distribution network
- Are easy to order for fast delivery



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Devcon: The Worldwide Technology and Market Leaders

ITW Devcon are known throughout the world as the technology and market leaders in products for plant maintenance, repair and overhaul operations, including all types of industrial high strength bonding applications.

This brochure shows only a small and representative selection from the extensive Devcon range – for further information, technical support and training for your personnel, please visit our website, contact our distributors or the Devcon Technical Service Centres. Our dedicated and practically experienced technical service team will be pleased to assist you.

For information on these products or where to purchase them please visit our website www.devconeurope.com for a list of distributors or call +44 (0)870 458 7388.



BASA NATO



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Devcon Epoxy Maintenance, Repair and

Devcon epoxy systems make fast, durable repairs to almost all types of plant and machinery, bonding to most materials including metals, ceramics and concrete. Devcon epoxy systems are easily used, fast curing and have high strengths, giving a very cost effective way of improving performance and extending useful service life.

Devcon Brushable Ceramic

Ceramic filled, brushable epoxy that provides a smooth, protective barrier against abrasion, erosion and chemical attack

- Low friction surface for operating efficiency
- Rebuilds and seals heat exchanger tubes and protects pump casings and flange faces etc.

Size	500g Blue	500g Red	908g White
Product Code	11762	11752	11770

Devcon Sprayable Ceramic

A reinforced, sprayable, ceramic epoxy, which is chemically resistant for surfaces that require an exceptionally smooth finish

- Very low friction surface
- Protects tanks, pumps, blades, valves etc exposed to erosion and corrosion

Size	10kg Blue	10kg Grey
Product Code	15411	15412

Devcon Ceramic Repair Putty

Trowelable, ceramic filled epoxy putty for rebuilding worn or damaged equipment, particularly in abrasive environments

- Excellent erosion and corrosion resistance
- Rebuilds casings, plates, materials handling chutes and hoppers, plus valves etc.

Size	1kg
Product Code	11042

Devcon Microbead Putty NF

Contains fine, ceramic beads for maximum wear and abrasion resistance in areas conveying fine particles

- For equipment handling materials 3mm and smaller
- Non sag formulation for vertical or overhead application

Size	1kg	5kg
Product Code	11022	11023

Devcon Wear Resistant Putty (WR-2)

Smooth, non rusting, multi-purpose, ceramic filled epoxy putty for repairs requiring very smooth, high-slip finishes such as lathe beds etc.

- Prevents abrasion and erosion of metal components
- Repairs metals, concrete and even some rigid plastics

Size	500g
Product Code	11411



Overhaul Systems

Devcon metal filled epoxy putty systems make fast, economic and fully compatible repairs to different metallic components including steel, stainless steel, aluminium and bronze etc, reducing downtime and returning you to full operation within hours. They cure at room temperatures, have excellent chemical resistance and include products for dry operating temperatures of up to +177°C and for application down to +4°C.

Devcon Titanium Putty

Smooth, titanium reinforced epoxy putty for making repairs that can be precision machined

- Provides abrasion and chemical resistant surfaces with a non rusting finish
- Repairs and rebuilds worn pumps, shafts, impellers etc.

Size 500g 1kg
Product Code 10761 10765

Devcon Aluminium Putty (F)

Aluminium filled epoxy putty for cost effective repairs to aluminium castings, components and equipment

- Bonds to other metals and most rigid plastics
- Resistant to CFCs and many other chemicals

Size 500g
Product Code 10611

Devcon Bronze Putty (BR)

Bronze filled epoxy putty for repairing bronze and brass machinery parts

- Used on castings, bushes and shafts when brazing is not possible
- Easily machined, tapped and drilled

Size 500g
Product Code 10261

Devcon Stainless Steel Putty (ST)

Stainless steel filled epoxy putty for patching, repairing and rebuilding stainless steel and non ferrous equipment

- Used for rust free patching and rebuilding
- Bonds to ferrous and non ferrous metals

Size 500g
Product Code 10271

Devcon Plastic Steel Putty (A)

The original metal filled and machinable Devcon epoxy putty. Replaces welding for hundreds of routine applications and durable repairs

- Bonds to most materials with a tough finish
- Excellent resistance to oil, petrol, water and many other chemicals

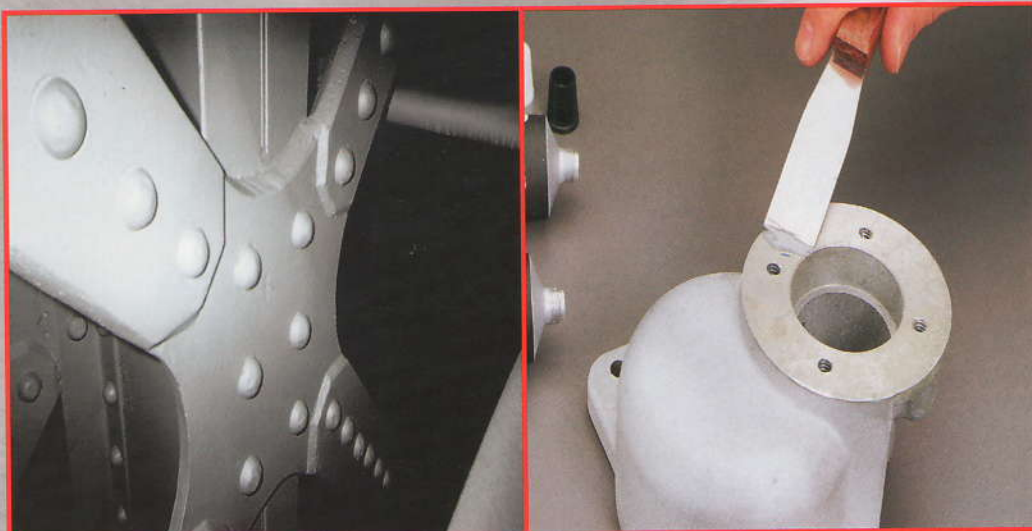
Size 500g 1kg
Product Code 10112 10115

Devcon Plastic Steel 5 Min Putty (SF)

Fast curing grade of the original steel filled epoxy putty for permanent emergency repairs and use at low temperatures

- Machinable and ready for service in 1 hour
- Rapid curing and suitable for low temperature use

Size 500g
Product Code 10241



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Devcon Epoxy Maintenance, Repair and Overhaul Systems

Devcon Wet Surface Repair Putty (UW)

Water resistant putty for repairing, patching and rebuilding equipment in underwater or habitually wet environments

- Penetrates moisture, eliminates the need to dry substrates thoroughly before repairs
- Can be applied and cures down to +4°C

Size 500g
Product Code 11801

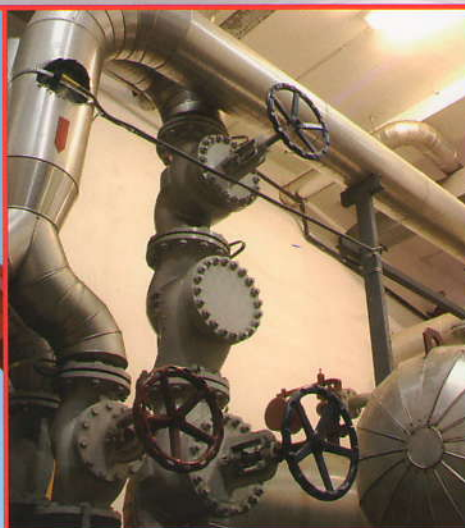
Devcon HR Super 3000

Non sag epoxy putty for vertical repairs with high heat and chemical resistance requirements

- Remains rigid at high temperatures
- Used to stop leaks or repair pipes, valves and machinery. Particularly useful for engine blocks and crank cases

Size 500g
Product Code 16400

Product	Compressive Strength (N/mm ²)	Dry Service Temp (Max °C)	Pot Life @ 20°C (Minutes)	Mix Ratio (By Weight)
Devcon Brushable Ceramic Blue/Red	105	177	40	5.6:1
Devcon Brushable Ceramic White	105	177	21	8.5:1
Devcon Sprayable Ceramic	105	150	50	2.6 : 1
Devcon Ceramic Repair Putty	87.5	177	25	4.3 : 1
Devcon Microbead Putty NF	88	121	30	4:1
Devcon Wear Resistant Putty (WR-2)	68	121	60	9:1
Devcon Titanium Putty	130	177	21	4.3:1
Devcon Aluminium Putty (F)	58	121	60	9:1
Devcon Bronze Putty (BR)	59	121	35	9:1
Devcon Stainless Steel Putty (ST)	58	121	45	11:1
Devcon Plastic Steel Putty (A)	57	121	45	9:1
Devcon Plastic Steel 5 Min (SF)	72	93	5	1.7:1
Devcon Wet Surface Repair Putty (UW)	39	93	45	1.4:1
Devcon HR Super 3000	88-98	220	5-10	1:1



Devcon Epoxy Flooring Systems

Easily applied by plant maintenance teams, Devcon epoxy flooring systems provide high strength, fast setting chemically resistant repairs and solve slip or trip safety problems. Suitable for floors, walkways, ramps, platforms, loading docks etc.

Devcon Floor Patch

Multi-purpose concrete patching compound with a compressive strength of 55 Mpa which is 2-3 times the typical strength of concrete

- Chemically resistant concrete grey repair mortar
- Bonds to new and old concrete
- Ready to walk on after 8 hours

Size 5kg
Product Code 13101

Devcon Floor Grip

Heavy duty epoxy coating with silicone carbide granules producing an exceptionally tough, non skid, non slip surface

- Extremely durable with very hard aggregate
- Bonds to metals, dry and damp concrete and wood
- Cures as low as +4°C

Size 10kg
Product Code 13090

Devcon Epoxy Sealer 100

Solvent free, chemically resistant, epoxy coating system for sealing and waterproofing concrete, masonry and wood surfaces

- Bonds to wet surfaces and can be used as a primer on damp concrete for other systems
- Durable translucent floor coating for high traffic areas

Size 5kg
Product Code 12540

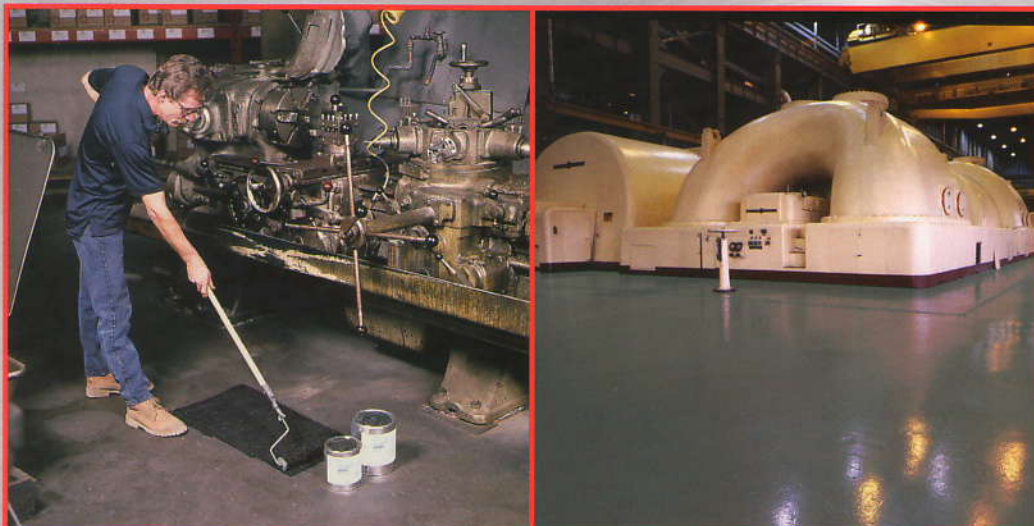
Devcon Epoxy Coat 7000

Solvent free, self levelling, high build, coloured epoxy floor coating which is highly abrasion and chemically resistant

- Ideal for repairing and protecting concrete floor surfaces
- Extremely durable with a high gloss finish

Size 10kg
Product Code 12500

Product	Pot Life @ 20°C (Minutes)	Dry Service Temp (Max °C)	Mix Ratio (By Weight)	Colour
Devcon Floor Patch	45	120	5.5:1	Light Grey
Devcon Floor Grip	35	120	2.8:1	Black
Devcon Epoxy Sealer 100	35	82	2.8:1	Clear
Devcon Epoxy Coat 7000	40	82	3.2:1	Grey



Devcon®

Devcon Flexible Urethane Maintenance and

Devcon Flexane® repair products are all flexible, urethane resin based materials, available in a range of liquid and putty like products and systems. In liquid form they are castable, non-shrink compounds for producing new, custom or discontinued rubber parts and flexible moulds. In putty form they may be used to repair worn or damaged rubber equipment, to form protective coatings as linings in extremely abrasive environments or for repairs subject to wear, impact, vibration and movement.

Devcon Flexane® products bond to metal, rubber, concrete, fibreglass, wood and many other materials. They are all easily applied by trowel, brush or gun and cure quickly to form a hard to medium hard 'rubber-like' compound with exceptional tear strength and abrasion resistance.

Devcon Flexane® HP Brushable

High performance, brushable system with excellent impact, wear and chemical resistance

- Excellent flexibility, tear and tensile strengths
- Cures to a medium hard 'rubber-like' compound (Shore A Hardness 86)

Size 500g
Product Code 15350

Devcon Flexane® GP Putty

Trowelable putty for repairing, coating, moulding and lining equipment and components exposed to impact, abrasion, vibration and movement etc.

- Excellent abrasion, wear and impact resistant
- Bonds to most common substrates

Size 200ml Cartridge 500g
Product Code 15060 15821

Devcon Cable Cast FR

Specialist flame retardant, urethane compound for repairing high voltage cable jackets in the mining industry (MSHA approved P-7K261055)

- Fast curing with no additional heating required

Size 400ml
Product Code 15051

Devcon Flexane® 60/80/94

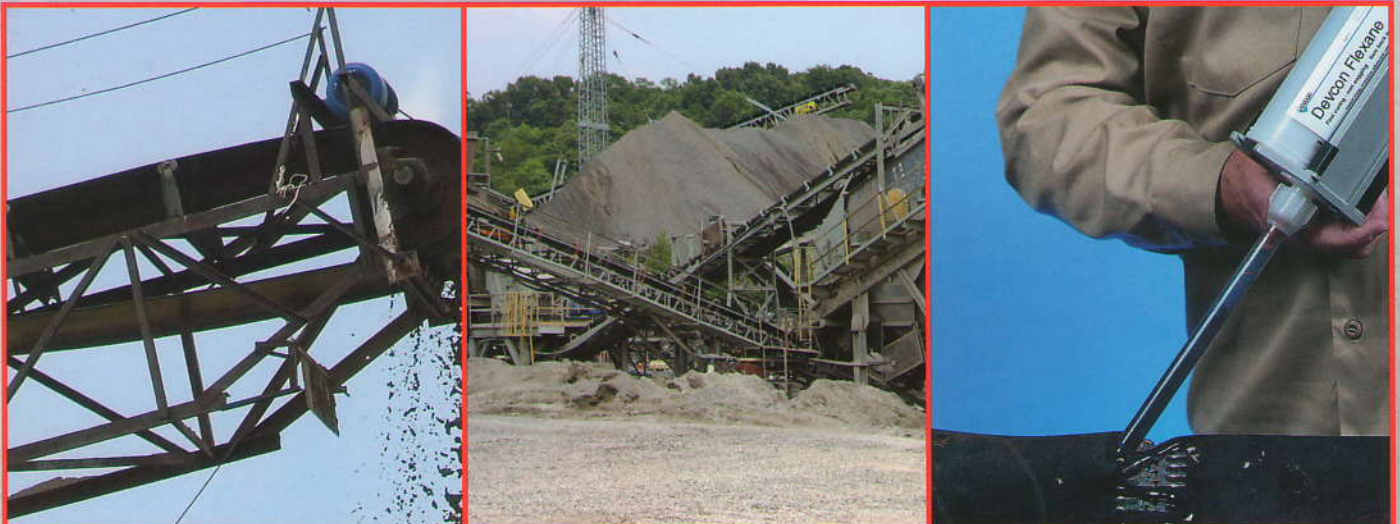
Flexane liquid products are available in three different grades to cover a variety of applications with different flexibility requirements

- Good abrasion and wear resistance
- Self levelling

	Size	Product Code	Flexibility
Flexane 60	500g	15200	High
	5kg	15210	High
Flexane 80	500g	15800	Medium
	5kg	15810	Medium
Flexane 94	500g	15250	Low
	5kg	15260	Low

Note: Larger pack sizes are available on request

Flexible Repairs and Mouldings



Repair Systems

Devcon GFR 40 (Flame Retardant)

Elastomeric system to produce flame retardant insitu gaskets. Pourable and self levelling properties also make it ideal for casting and moulding

- Battleship grey colour ideal for marine and naval applications
- NATO approved (Stock No. 3709505) for military use

Size 3kg
Product Code 96000

Devcon T-40 Edge and Seal

Fast curing, cartridge applied, self levelling urethane compound for repair, tooling and moulding works particularly sealing woven fabric belting

- High tensile and tear strengths
- Oil resistant
- Uses mixer nozzle code 15047

Size 400ml
Product Code DF060

Product	Hardness (Shore A) (N/mm ²)	Dry Service Temp (Max °C)	Pot Life @ 20°C (Minutes)	Mix Ratio (By Weight)
Devcon Flexane® HP Brushable	86	82	45	4.55:1
Devcon Flexane® GP Putty	87	82	25	2.52:1
Devcon Flexane® 60	65	82	30	1.67:1
Devcon Flexane® 80	87	82	30	3.33:1
Devcon Flexane® 94	97	82	10	2.19:1
Devcon Cable Cast FR	88	82	10	63:37
Devcon GFR 40 (Flame Retardant)	50	82	20	88.5:11.5
Devcon T-40 Edge and Seal	93	177	7	4:1



Devcon®

Devcon Flexane Ancillary Materials

Devcon provide a range of ancillary materials and equipment to support the efficient application, use and performance of the Flexane urethane repair systems.

Devcon Flex-Add Flexibiliser

For use with Devcon Flexane® 80 Liquid to produce a more flexible rubber compound

- Modifies Devcon Flexane® 80 Liquid to match the hardness of flexible components, i.e. for rubber roller repairs etc.
- Provides greater flexibility and easier de-moulding

Size 237ml
Product Code 15940

Devcon Flexane® Guns and Nozzles

For the application of Devcon Flexane® urethane products supplied in cartridges. The static mixer nozzles ensure accurate mixing and dosing of the products

	Manual Application Gun	Static Mixer Nozzle
Size	200ml 400ml	200ml 400ml
Product Code	14281 20020	15067 29999

Devcon Flexane® Primers

Ensures the maximum adhesion of Devcon Flexane® urethane products

- Use FL-10 for all types of metals
- Use FL-20 for rubber, wood, FRP and concrete

Size FL-10 112g FL-20 112g
Product Code 15980 15985

Devcon Flexane® Accelerator

Accelerates the cure of all Devcon Flexane urethane products even at temperatures as low as 0°C

- Reduces Flexane products' cure time by up to 50%

Size 336g
Product Code 15990

Devcon Liquid Release Agent

Silicone release agent prevents Devcon's products from sticking to patterns or moulds

- Ensures a high gloss finish on cast Devcon resin surfaces

Size 470ml
Product Code 19600



Devcon Emergency Repair Products

Devcon emergency repair products provide fast, permanent repairs in just minutes. Easy to use and apply, they are ideal for use on a wide variety of materials with the minimum of surface preparation, allowing a return to service with negligible downtime.

Devcon Magic Bond

Two colour 'stick' ensures easy mixing. Seals leaks and repairs gouges in steel, aluminium, wood, fibreglass, concrete and ceramics. Can be painted, sanded, machined, tapped or drilled

- Can be applied on damp surfaces
- For all types of repairs
- Ready for service in 1 hour

Size Per Stick (114g)
Product Code DE 600

Devcon HVAC Epoxy Repair Putty (F)

Aluminium filled, high strength and fast curing epoxy compound with good chemical resistance for repairs, bonding and sealing

- Bonds to aluminium and other metals, ceramics, wood, concrete and glass
- Used for sealing leaks in tanks, repairing patterns and castings etc.

Size 184g
Product Code 19770

Devcon Zip Patch Repair Kit

Easy to use waterproof adhesive patching kit. Hardens in minutes at room temperatures

- Permanently waterproof 'field' repairs
- Tough and durable finish
- Bonds to all common substrates
- 5 Minute working life of the patch

Size 1 Patch Kit
Product Code 11500

Fast, Permanent Repairs

Product	Compressive Strength (N/mm ²)	Dry Service Temp (Max °C)	Pot Life @ 20°C (Minutes)	Mix Ratio (By Weight)
Devcon Zip Patch	n/a	121	n/a	n/a
Devcon Magic Bond	83	121	20	n/a
Devcon HVAC Epoxy Repair Putty (F)	58	121	45-60	1:1



Devcon®

Devcon Epoxy Tooling and Mould Production

Devcon advanced epoxy tooling and mould production resins provide a fast and economic solution for manufacturing tools, patterns and moulds. They can all be machined, drilled and tapped, plus their excellent flow properties allow accurate and detailed reproduction when casting over existing components.

Devcon High Temp Mould Maker (C1)

Epoxy liquid for making heat resistant moulds, dies and machine parts. Post cured for optimal performance

- Self levelling
- Ideal for prototyping with injection and vacuum moulding
- Useable at dry service temperatures up to 260° C

Size 500g
Product Code 10361

Devcon Plastic Steel Liquid (B)

Provides accurate detailing reproduction in the making of moulds, light gauge forming dies etc.

- Fast curing and self levelling for cost effective moulds and dies
- Reproduces fine details with an excellent surface finish
- Machinable to fine tolerances

Size 500g 1kg
Product Code 10211 10215

Devcon Wear Resistant Liquid (WR)

Ceramic filled epoxy liquid for castings where exceptional durability is required

- For casting metal forming dies and tracers etc.
- Low friction with outstanding wear resistance
- Non shrink for accurate reproduction of critical details

Size 500g
Product Code 11211

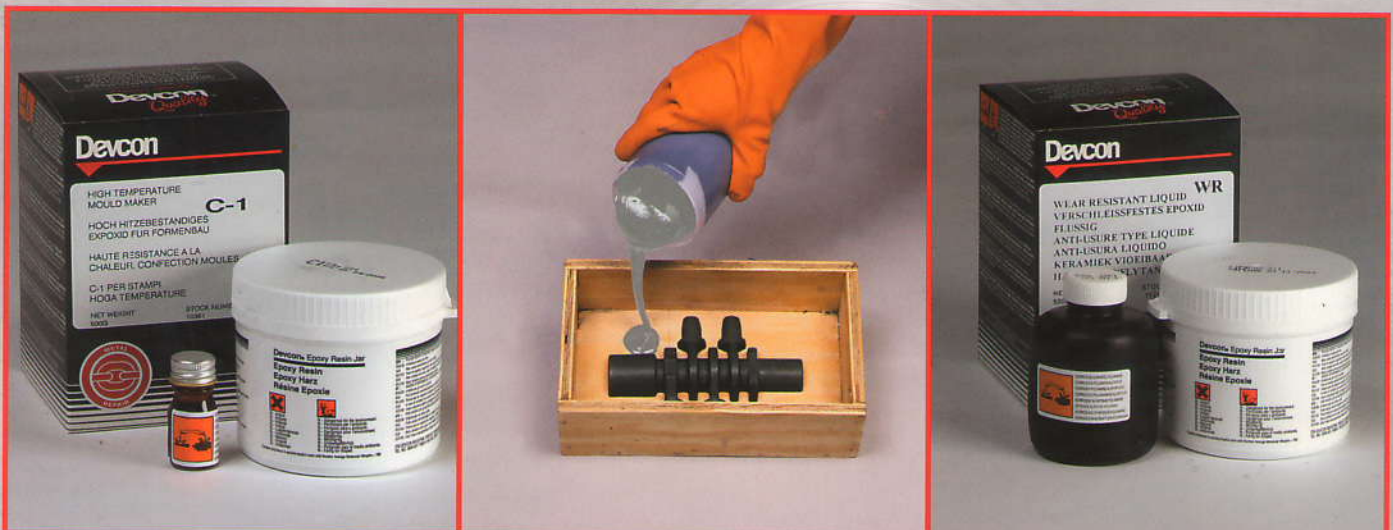
Devcon Aluminium Liquid (F-2)

Aluminium filled pourable epoxy liquid for making moulds, patterns and fixings

- Cost effective moulds
- Excellent non shrink behaviour
- Reproduces fine details

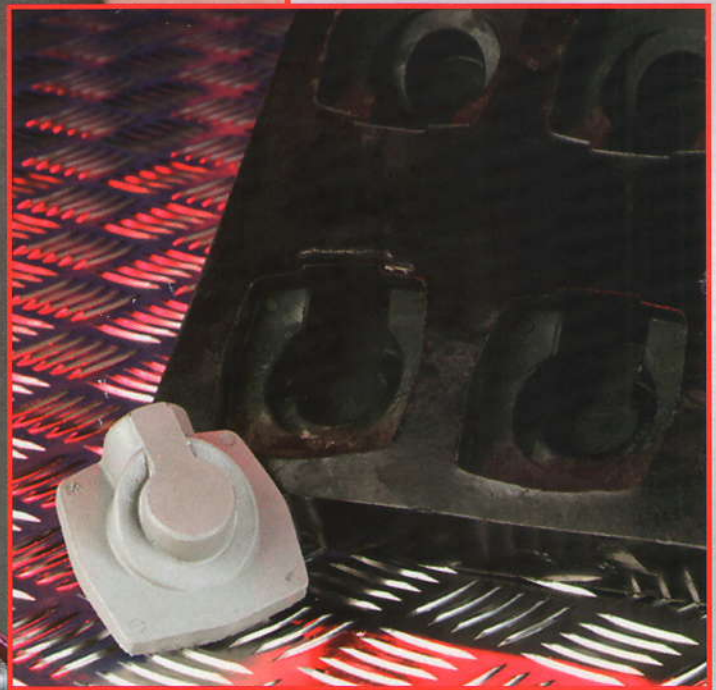
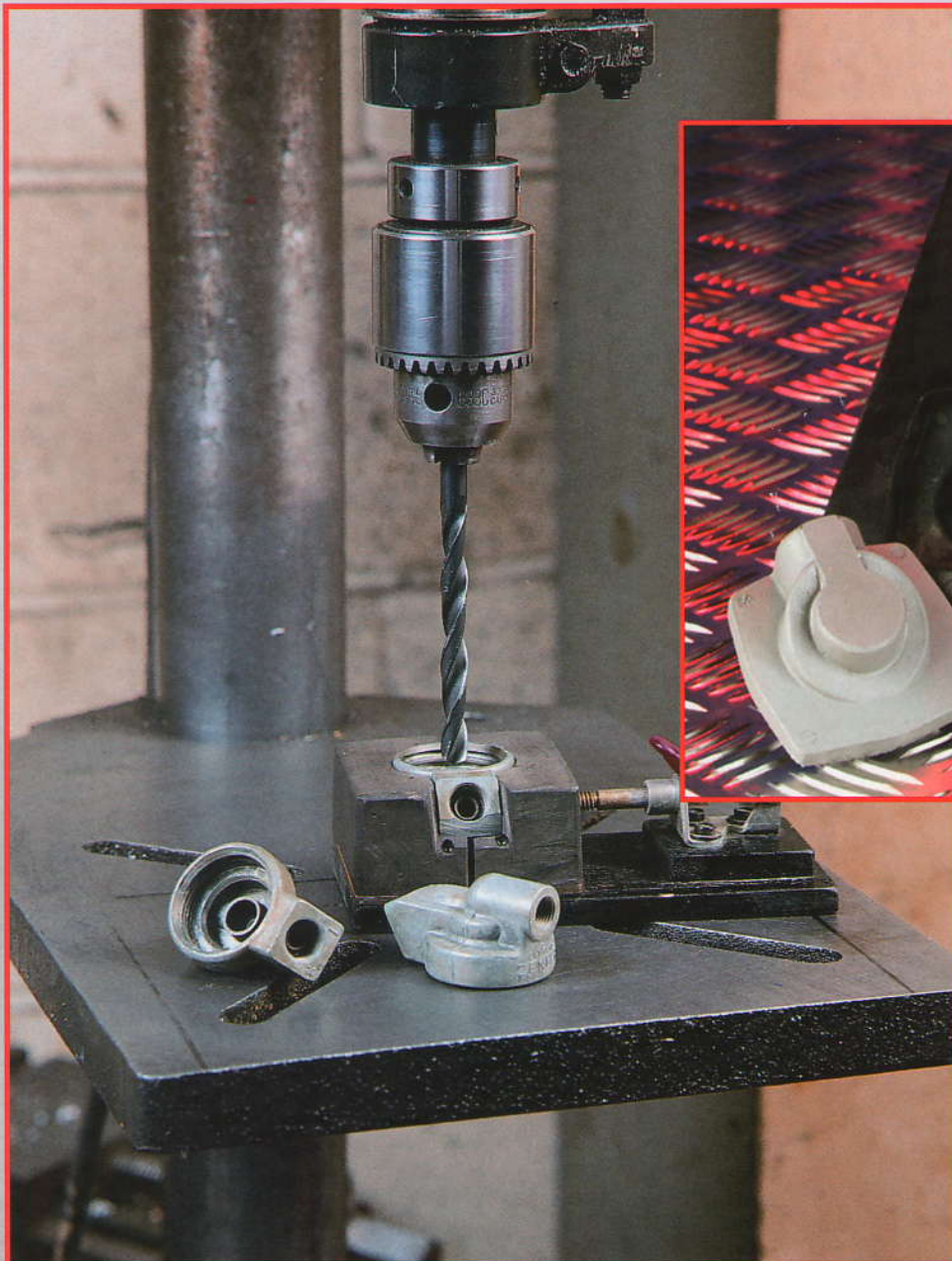
Size 500g
Product Code 10711

Accurate Mould Making



Resins

Product	Compressive Strength (N/mm ²)	Dry Service Temp (Max °C)	Pot Life @ 20°C (Minutes)	Mix Ratio (By Weight)
Devcon High Temp Mould Maker (C1)	251	260	45	112:1
Devcon Plastic Steel Liquid (B)	70	121	45	9:1
Devcon Wear Resistant Liquid (WR)	68	121	60	9:1
Devcon Aluminium Liquid (F2)	68	121	75	9:1



Devcon®

Devcon Epoxy Adhesive Systems

Devcon provide the most technically advanced epoxy adhesives in a wide range of different grades with different viscosities, pot lives, open times and cure times for virtually any industrial bonding application. These tough, fast curing systems also have excellent chemical resistance. Innovative packaging and dispensing systems are also supplied in a wide range of different designs and sizes to suit all types of applications.

Devcon 5 Minute Epoxy

Rapid curing multi-purpose epoxy adhesive and encapsulating resin with excellent thixotropic and void filling properties

- Clear, permanent non shrinking bonds
- Works down to -40°C when cured
- Bonds rigid, durable substrates, such as metal, glass, ceramics, concrete and wood in five minutes or less

Cartridge Size	50ml	400ml	
Product Code	14270	14272	
	28g Dev-Tube	70g Twin-Tube	500g Tub
	14251	14210	14201

Devcon 2 Ton Clear Epoxy

Extremely strong, water resistant, medium fast cure structural epoxy adhesive and surface filler

- Achieves a strong, rigid bond on metals, ceramics, wood, concrete, glass etc.
- Powerful and water resistant bond
- Non shrink with excellent strengths and high impact resistance

Cartridge Size	28g	50ml	400ml
Product Code	14310	14260	20242

Devcon 1 Minute Epoxy Gel

Lightning fast curing epoxy adhesive gel for filling gaps, cracks and surface defects in many different substrates and applications

- Bonds in one minute or less
- Non sag for use in vertical and overhead applications
- Ultra fast curing so also used for emergency repairs

Cartridge Size	50ml
Product Code	14277

Fast Bonding Solutions



Product	Colour	Mixed Viscosity (CPS)	Working Time (Minutes) *	Bonding Time (Minutes)**	Functional Cure Time (Hours)	Dry Service Temp (Max °C)	Lap Shear Cohesive Strength (Mpa)
1 Minute Epoxy Gel	Translucent	70,000	45s	1	0.5 - 0.75	-40 to +93	11
5 Minute Epoxy	Clear	10,000	3 - 6	10 - 15	0.75 - 1	-40 to +93	9.7
2 Ton Epoxy	Clear	8,000	8 - 12	30 - 35	8 - 16	-40 to +93	15.5

* **Working Time:** The time from when Parts A and B are combined until the adhesive is no longer useable.

** **Bonding Time:** The time after the surfaces have been joined until they will support a 1kg weight on a 12.7mm (0.5 inch) x 25.4mm (1 inch) wide overlap joint.



Devcon®

Devcon Methacrylate Adhesive Systems

Devcon methacrylate adhesives are formulated for use with today's 'hard to bond' engineered plastics, advanced composites, exotic metals and other difficult substrates. Mixed as dispensed, they produce tough, flexible adhesive bonds with little or no surface preparation. They cure rapidly at room temperature and provide exceptional physical strengths and environmental resistance. Fully recyclable and solvent free, they can also reduce VOC emissions in OEM and production line applications.

Devcon Devweld 530

Rapid curing, multi-purpose, tough, structural methacrylate adhesive that produces high strength load bearing bonds to engineered plastics, metacermics and many other materials

- Minimal surface preparation
- Excellent shear, peel and impact resistant strength
- Resistant to weathering, moisture and wide variations in temperature
- Non sag and gap filling

Cartridge Size 50ml 400ml
Product Code 20500 20000

Devcon Devweld 531

Methacrylate adhesive for 'difficult to bond' engineered plastics, such as nylon based alloys, epoxy composites, modified polyesters, many plastics and other different materials etc.

- Superior bond strength, durability and impact resistance
- Excellent environmental and chemical resistance
- Non sag and gap filling
- Excellent shear, peel and impact resistant strength

Cartridge Size 50ml 400ml
Product Code 21500 21000

Devcon Plastic Welder

Toughened adhesive for high strength, load bearing bond to engineered plastics, metals, composites, ceramics and many other materials including dissimilar substrates

- Approved under UL 746C Polymeric Adhesive Systems as an electrical equipment-component

Cartridge Size 25ml
Product Code 14300

Bond Difficult Substrates



Product	Colour	Mixed Viscosity (CPS)	Working Time (Minutes) *	Bonding Time (Minutes) **	Functional Cure Time (Hours)	Dry Service Temp (Max °C)	Lap Shear Cohesive Strength (Mpa)	Tensile Elongation (°/o)
Devweld 530	Off White	50,000	4 - 6	12 - 15	0.75 - 1	-55 to 121	20 - 24	15 - 25
Devweld 531	Off White	50,000	15 - 18	30 - 35	2 - 4	-55 to 121	20.5 - 24	5 - 15
Devcon Plastic Welder	Off White	50,000	4 - 6	12 - 15	0.75 - 1	-55 to 121	20 - 24	15 - 25

* **Working Time:** The time from when Parts A and B are combined until the adhesive is no longer useable.

** **Bonding Time:** The time after the surfaces have been joined until they will support a 1kg weight on a 12.7mm (0.5 inch) x 25.4mm (1 inch) wide overlap joint.



Devcon®

Devcon Adhesive System Accessories

Devcon adhesive system accessories are designed to compliment the product range and provide even more efficient or increased performance, such as improved surface conditioning with greater durability and faster cleaning and preparation of substrates or for use in adverse conditions. Devcon provide a range of application guns and static mixing nozzles for dispensing and mixing efficiently in all different types of applications.

Devcon Metal Prep 90

Primer and surface conditioner to increase the long term durability of Devcon methacrylate adhesives on aluminium and stainless steel

- Fast drying
- Increases bond strengths

Bottle Size 473ml
Product Code 19650

Devcon Cleaner Blend 300

Safe, non-trichloroethane based, general purpose degreaser. Removes oil and grease deposits from metal surfaces prior to bonding or repairs

- Fast drying
- Leaves no residue, needs no rinsing

Bottle Size 1 litre
Product Code 19512

Devcon Liquid Release Agent

Silicone release agent prevents Devcon's products from sticking to patterns or moulds

- Ensures a high gloss finish on cast Devcon resin surfaces

Size 470ml
Product Code 19600

Devcon Fast Cleaner Spray

A multi-purpose solvent based degreaser for most material surfaces

- Removes dirt, oil, tar and grease
- Leaves no residue, needs no rinsing

Size 500ml
Product Code 19550

Devcon Static Mixing Nozzles

Static mixing nozzles for mixing Devcon two component products supplied in cartridges, directly on application from the gun

Size/Ratio MA 6.3-21/1minEP/50ml MC 6.3-12/50ml
Product Code 14283 29991

Size/Ratio MC 10-18/200-400ml MC 8-18 Flexane
Product Code 29999 15067

Devcon Silite Sealant

A special silicone resin based adhesive / sealant for sealing, jointing, bonding and making gaskets, particularly in HVAC and similar ductwork systems

- Electrically insulating
- Bonds to different substrates

310ml Cartridge Clear White
Product Code 17150 17140

Devcon Dispensing Guns

Specially developed application guns for dispensing the Devcon products that are supplied in cartridges

Cartridge Size 50ml 200ml 400ml
Product Code 20015 14281 20020



	1 Minute Epoxy	5 Minute Epoxy	2 Ton Epoxy	Devweld 530	Devweld 531	Plastic Welder
Metals						
Aluminium ¹	✓	✓	✓	✓♦	✓♦	✓♦
Brass	✓	✓	✓			
Cast Iron	✓	✓	✓	✓	✓	✓
Copper	✓	✓	✓			
Ferrite	✓	✓	✓	✓	✓	✓
Painted Metals	✓	✓	✓	✓	✓	✓
Plated Metals					✓	
Sheet Metal				✓♦	✓♦	✓♦
Stainless Steel ¹	✓	✓	✓	✓♦	✓♦	✓♦
Cold Rolled Steel	✓	✓	✓	✓	✓	✓
Galvanised					✓♦	
Plastics						
ABS				✓	✓	✓
Acrylics (PMMA)				✓	✓	✓
Fibreglass		✓	✓	✓	✓	✓
Gel Coats				✓	✓	✓
Epoxy	✓	✓	✓	✓	✓	✓
Polyamides (Nylon 6.6/6)					✓	
Polyesters				✓	✓	✓
Polycarbonate	✓			✓	✓	✓
PPO and PPO Blends					✓	
Vinyls (PVC)	✓	✓	✓	✓	✓	✓
Rim Urethanes					✓	
Styrene Resins				✓	✓	✓
Polyacrylate					✓	
Polyurea					✓	
Cellulosics					✓	
Polysulfone				✓	✓	✓
Phenolics				✓	✓	✓
Laminates				✓	✓	✓
Wood						
Wood (Hard and Soft)	✓	✓	✓	✓	✓	✓
Plywood	✓	✓	✓	✓	✓	✓
Particle Board	✓	✓	✓	✓	✓	✓
Other						
Brick	✓	✓	✓	✓	✓	✓
Concrete	✓	✓	✓	✓	✓	✓
Honeycomb	✓	✓	✓	✓	✓	✓
Ceramics	✓	✓	✓	✓	✓	✓
Glass ²	✓	✓	✓			

♦ Requires Metal Prep 90
Blank - Not Recommended

¹ Use of metal prep 90 primer/conditioner is recommended on these metals prior to bonding with Devweld 530, 531, and Plastic Welder

² Glass bonds are not durable