



Devcon®



ABRASION-RESISTANT SYSTEMS AND REPAIR PRODUCTS

For Bulk Material Handling and Mining Applications

/// **TW** Polymers & Fluids

Wear Guard



When it comes to protecting wet slurry lines, pumps, hoppers, discharge chutes, flumes, elbows and vibrating feeders from sliding abrasion combined with impact, **Devcon® Wear Guard** beaded products provide a tough surface that reduces wear in these highly abrasive environments. The **Wear Guard** range is easily troweled onto equipment including vertical and overhead surfaces. With a range of different products **Devcon® Wear Guard** can be used in a variety of bulk material handling and mining applications.

High Impact

An extremely wear resistant, ceramic-beaded epoxy system containing urethane acrylate for superior impact abrasion. High Impact is a non-sagging putty used for protecting against impact and flex. It also provides high compressive and impact strength once cured. The product will handle temperatures up to 150°C and is intended for high impact applications in pumps, scrubbers, screens, chutes, handling equipment and screw conveyors.



High Load

A ceramic-beaded epoxy system formulated for outstanding abrasion resistance for severe service conditions with particulate greater than 3 mm. Typically used to repair scrubbers, ash handling systems, pipe elbows, screens and chutes. High Load is used to re-build chippers, bins, hoppers, bunkers, separators and protect exhausters, chutes, launders, housing fans, crushers and breakers.



Fine Load

A high density micro-alumina ceramic-beaded epoxy system designed to protect equipment that handles particulate smaller than 3 mm. Suitable for dust particulate applications such as slurry pumps, scrubbers, screens, and screw conveyors.

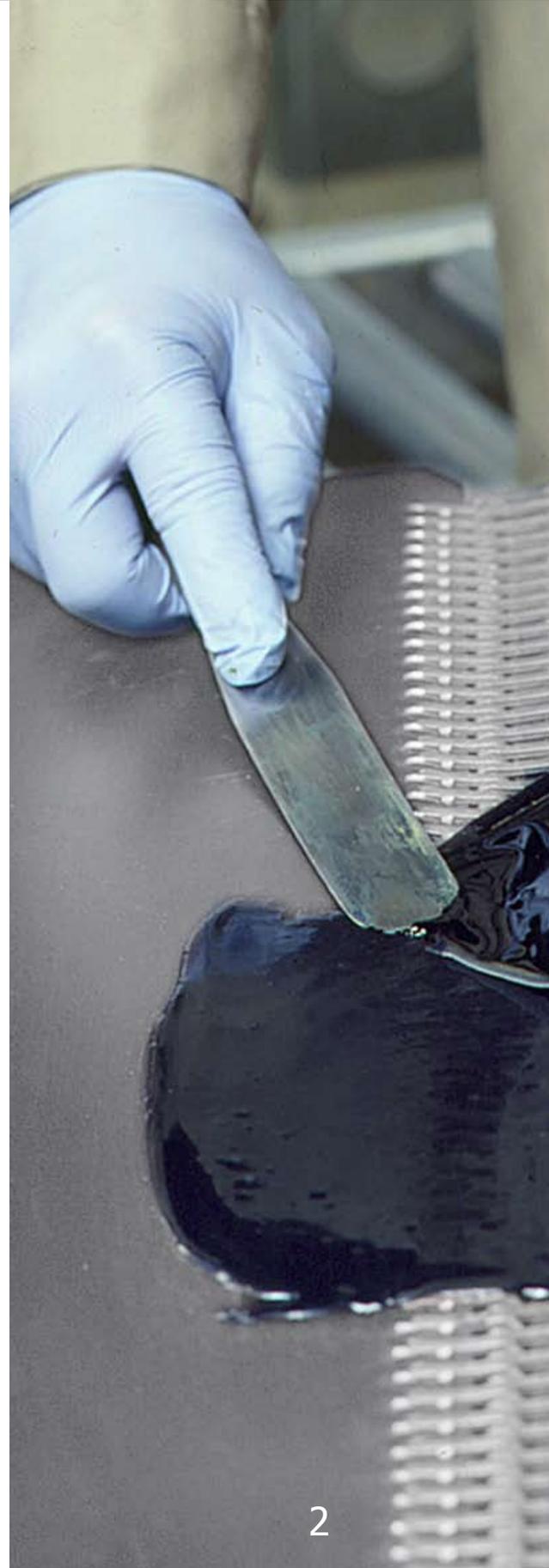
Wear Guard

Product Details

Wear Guard High Impact	D11464	4 kg
Wear Guard High Impact	D11460	10 kg
Wear Guard High Load	D11494	4 kg
Wear Guard High Load	D11490	10 kg
Wear Guard Fine Load	D11405	4 kg
Wear Guard Fine Load	D11400	10 kg

Devcon®'s abrasion-resistant filled epoxies, impact resistant liquids and **Flexane**® urethane compounds are designed to extend equipment life, sharply reduce costly downtime and make fast, long-lasting repairs in the punishing environment of the bulk material handling and mining industries.

Wear Guard High Impact, High Load and **Fine Load** have proven themselves in taming abrasive slurries and extending the life of milling and crushing equipment. **Flexane**® urethane systems make fast conveyor belt repairs, while **Brushable Ceramic** and **Combo Wear FC** protect equipment from abrasion and chemicals. Each of these trusted and reliable **Devcon**® products and systems is backed by **ITW Polymers & Fluids** technical support team to ensure greater productivity and reduced costs in bulk material handling and mining applications. Contact **ITW Polymers & Fluids** for a free plant survey today!



Combo Wear FC



Devcon® Combo Wear FC is the product to source if a short equipment turnaround is required for a shutdown period. This fast curing abrasion resistant protective lining allows equipment to be back in service within 1 ½ hours after application. Combo Wear FC, a non-sag putty has excellent adhesion to metal, ceramic and concrete and will bond to a damp surface. Reinforced with two different ceramic bead sizes and silicon carbide, Combo Wear FC will repair large cracks in large coal fuel lines and protect equipment, extending the life and improving the efficiency of the processing line.

Product Details

Combo Wear FC (Fast Cure)

D11450

4 kg

For over a half a century, the bulk material handling and mining industries have looked to Devcon® for a complete line of maintenance, repair, production and tooling epoxies, urethanes and adhesives. Call 1800 063 511 for more information or a copy of our full-line catalogue, or visit our website at: www.itw-devcon.com.au or www.itwcpf.com.au

Brushable Ceramic & Flexane® Belt Repair

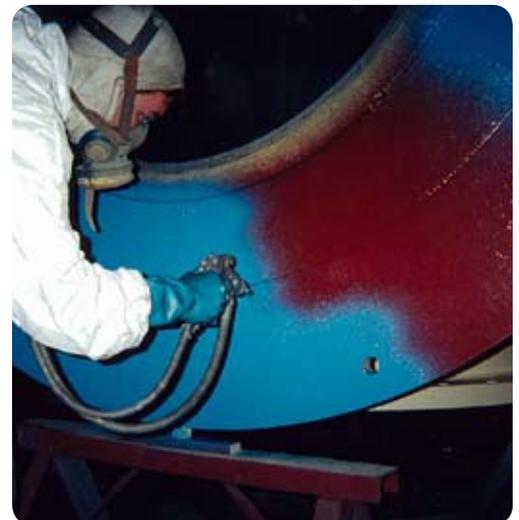
Interior surfaces of flotation cells are routinely exposed to highly abrasive slurries. Brushable Ceramic protects these surfaces from abrasion and corrosion thereby reducing wear and extending service life. The product can be used to rebuild heat exchangers, tube sheets and other water circulating equipment.

To achieve a smooth finish on the **Wear Guard** products, use **Brushable Ceramic**. For larger areas apply **Sprayable Ceramic** to achieve an exceptionally smooth surface.

The **Ceramic** products, when used as a two coat system will ensure uniform coverage during application and provide a highly visible indication of wear when in service.

Flexane® Belt Repair

Gouges, tears, worn alligator clips and metal splices are easily repaired and protected using Devcon® Flexane® 80 Putty. It is easy to apply, long lasting and durable. This tough urethane compound cures in a few hours for minimum downtime for your conveyor belt system. Flexane® 80 Putty can also be used to repair or line process equipment exposed to wear, abrasion, impact and vibration.



Product Details

Brushable Ceramic Red	D11760	1 kg
Brushable Ceramic Blue	D11765	1 kg
Sprayable Ceramic Grey	DDE107	3.8 L
Sprayable Ceramic Blue	DDE108	3.8 L

Flexane® 80 Putty	D15820	450 g
Flexane® 80 Putty	D15830	4.5 kg
Flexane® Rubber Primer FL20	D15985	120 mL
Flexane® Accelerator	D15990	360 mL
Flex Add	D15940	250 mL

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