



PLASTIC STEEL EPOXY PRODUCT BULLETIN

Product Description

Steel filled epoxy for repair of steel machinery and appliances.

Features and benefits

- Waterproof
- Chemical resistant
- Sandable and paintable
- Gap filling

Recommended Applications

- Fills crack and chips
- Works on all metals
- Can drill, tap, machine, sand or paint
- Repairs lawnmowers, machinery, appliances, tools, vehicles
- Bonds to itself and other metals

Typical Physical Properties @ 24°C

Colour	Black
Bond Strength	17 MPa
Work Time	60 minutes
Set Time	2 hours
Can be handled in	6 hours
Full strength	16 hours
Not recommended above 120°C	
Below 15°C the hardening time is considerably longer	

Preparation

Surfaces should be clean, sound and free of grease, oil, dust etc.

Application

Mix well until colour is uniform. Won't bond to anything that is greasy, eg can use vaseline or oil to coat areas where you don't want epoxy to stick. Good for making a holding fixture.

Removal Methods

Metal, ceramic and glass: Heat in excess of 170°C will weaken material. Sand or file where possible. For thick sections, drill holes to weaken, then chisel.

Fabric and wood: Soak in Isopropyl Alcohol, Acetone or methylene chloride (paint stripper). Check on a small area that surface is not affected by these chemicals. Take care with use of solvents.

PRECAUTION

For complete safe and handling information, please refer to the appropriate Material Safety Data Sheets prior to using this product.

Skin contact – wipe off, flush with soap and water.

Eye contact – Flush with water for 15 minutes and get prompt medical attention.

Warranty: Devcon will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

ORDERING INFORMATION

Stock No.	Unit Size
S-5	56.8 gm
S-6	42.6 gm Dev Tube

The information enclosed in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided in this Technical Bulletin should be used as a guide only, as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Conditions of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids excludes all other warranties in relation to this product.

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