

Wear Resistant Putty (WR-2)

Devcon[®]
Metal-filled Epoxies and Urethanes

Ceramic filled all purpose epoxy Putty provides repair with high resistance to frictional wear, erosion, cavitation & protection from bimetallic corrosion. Bonds to most metals, ceramic, concrete, aluminium, brass, bronze and repairs in tight spots where a fine flowing liquid is required. This item is available in liquid form also.

RECOMMENDED APPLICATIONS

- ▶ Worn out nose suspension bracket of rail bogie
- ▶ Corroded wear plates of sugar mill pumps
- ▶ FK pump screw conveyor flight
- ▶ Repair worn-out flanges
- ▶ Repairing worn bearing area of screw compressor shaft
- ▶ Rebuilding worn pumps
- ▶ Repair of machine ways
- ▶ Repairing anti-friction bearing housings & sleeves
- ▶ Rebuilding broken insulator
- ▶ Worn out casing of feed water pump
- ▶ Compressor crank shaft rubber seal area wear (bus & truck)
- ▶ Pin hole leaks due to sludge line erosion
- ▶ Lining of valves



TYPICAL PROPERTIES

Mix ratio, resin:hardener	(By vol)	4:1
	(By wt)	9:1
Specific volume, cm ³ /kg		570
Viscosity w/hardener, CPS		Putty
Pot life, minutes @ 25°C		60
Operating temperature, maximum °C		121
Cured hardness, Shore D ASTM D 2240		85
Compressive strength, N/mm ² ASTM D 695		68
Flexural strength, N/mm ² ASTM D790		45
Adhesive tensile shear, N/mm ² ASTM D 1002		18
Cure shrinkage, cm ² /cm ASTM D2566		0.0005
Colour		Dark Grey
Coverage, cm ² /kg @ 5mm thickness		1140
Dielectric strength kv/mm		16

CHEMICAL RESISTANCE

7 Days Room Temperature Cure, 30 days immersion

Nitric Acid, 10%, 50%	Fair, fair
Hydrochloric Acid, 10%, 50%	Fair, Very good
MEK	Poor
Sulphuric Acid, 10%	Fair
Toluene	Very good
Ammonia	Very good
Sodium Hydroxide, 10%	Very good

ORDERING INFORMATION

Item	Unit size	Stock No.
Wear Resistant Putty	500mg	11411
Wear Resistant Liquid	500mg	11211

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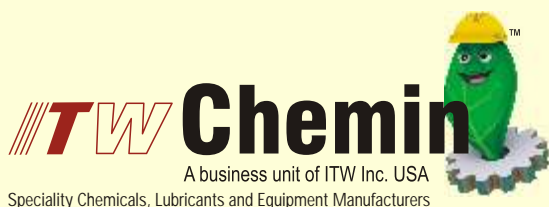


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