



Cmend²⁴²

Highly abrasive resistant two-part **Protective Putty**

Key Features:

- ✧ Excellent adhesion properties to metal surfaces.
- ✧ Excellent resistance to abrasion.
- ✧ High temperature resistance up to 130°C wet and 170°C dry contact.
- ✧ High mechanical strength.
- ✧ Good chemical resistance.
- ✧ Fast cure to ensure prompt return to service.

Applications:

- ✧ Repairing of metals facing aggressive abrasion.
- ✧ Bonding and grouting tiles and wear plates.
- ✧ Repair of screw and ball mills shell.
- ✧ Highly applicable in cement and steel industries.
- ✧ Internal lining of hoppers, chutes, blades, and other equipment exposed to abrasion.
- ✧ Internal repair of pipe work and spools subject to abrasive flow.

Physical and Mechanical Properties	Mixing Ratio	4:1 by Volume		
	Hardness Shore D ASTM D2240	90		
	Adhesion (Tensile Shear) ASTM D1002	Mild Steel – 2,500 psi		
	Compressive Strength Ambient Curing ASTM D695	12,000 psi		
	Impact Strength un-notched ASTM D256	60 J/m		
	Shrinkage	< 0.02%		
	Temperature Resistance (wet basis) ASTM D648	Corrosion: 120°C	Light or no Load: 140°C	Filling: 170°C
	Abrasion Resistance	H10 Wheels (Wet) 300mm ³		CS17 Wheels (Dry) 9mm ³
	Shelf Life at 25°C (68°F)	2 Years		