



DURA-COAT METAL REBUILD 261

DESCRIPTION AND RECOMMENDED USES:

100% solids, Dura-Coat Metal Rebuild 261 is a solvent free, high functionality Novolac Epoxy coating and with FAST CURING agent. It is designed particularly as a rebuilding material for metals in highly aggressive chemical and temperature immersion service Dura-Coat Metal Rebuild 261 is convenient-to-use, non-sagging, with addition of machinable steel, with excellent high temperature resistant and high mechanical strength. It is able to withstand up to 230°C continuous operation and up to 280°C intermittently.

- It can be applied up to 500 mils without slump
- Ideally suited for restoration cladding material for corrosion
- Machinable
- Suitable for immersion and non-immersion service.

APPLICATION AREAS:

- Shafts
- Chemical storage tank
- Scrubbers
- Heat exchangers
- Fans and housings
- Mix Zones
- Pipelines
- Pump cases
- Hot oil pipeline break
- Ducts
- Impellers

TECHNICAL DATA:

Maximum Temperature (Dependent on service)	Wet Service Dry Service	230°C 280°C	450°F 536°F
Chemical Resistance	Water Alkalis Inorganic Acids Organic Acids Organic Solvents	Excellent Excellent Excellent Excellent Excellent	
Flexural Strength	(ASTM D 790)	620 kg/cm ² (60.7 MPa)	8,800 psi
Pull-Off Adhesion	(ASTM D 4541)	330 kg/cm ² (32.4 MPa)	4,700 psi
Tensile Strength	(ASTM D 638)	279 kg/cm ² (2 7.4 MPa)	3,970 psi
Flexural Modulus	(ASTM D 790)	6.9 x 10 ⁴ kg/cm ²	9.9 x 10 ⁵ psi
Shore D Durometer Hardness	(ASTM D 2240)	85	
Taber Abrasion C S-10, 1000g, 1000 Cycles	(ASTM D 4060)	15mg	
Pot life		25 MIN / KG at 72°F	
Vertical SAG Resistance at 21C (70F) and 12mm (1/2")		No sag	
Coverage for 10Kg kit	54sf @40mils	5m ² @1mm	
Mix Ratio	1:1 by Weight		Base: Activator
Color	Grey as standard. Blue and Red optional. Other colors contact the manufacture		
Shelf life (unopened containers)	3 Years at 55 -95°F (13 -35°C)		