

ZDS-CeramicArmor™ · CA SERIES

ZDS-CA1837

Rapid-Cure Fine-Particle Wear Protection Compound



Product Description

Rapid-Cure Fine-Particle Wear Protection Compound

Service Temperature

-60 to 250°C

Mixing Ratio

A:B = 4:1

Cure Schedule

2 h

Core Advantages

- ✓ High wear resistance
- ✓ Rapid cure for reduced downtime
- ✓ Ceramic-filled protection for severe service

Applications

Pipe elbows and tees, slurry and bulk-material systems, industrial pipelines; repair and rebuilding.

Typical Application Parameters

Product Form	Paste
Mixed Color	Typical: Dark grey
Application Temperature	Recommended: 10°C to 35°C
Working Time (25°C)	Typical: 5-15 min
Recommended Layer	Recommended: 3-10 mm
Initial Cure (25°C)	Typical: 15-30 min

Application values marked Typical or Recommended are engineering guidance derived from the product type, stated performance and intended use. Confirm critical project parameters by application testing.

Technical Data

Compressive strength	967
Hardness	Shore D 89
Service Temperature	-60 to 250°C
Mixing Ratio	A:B = 4:1
Cure Schedule	2 h

Application Guidance & Storage

- Surface preparation: Clean, sound and oil-free substrate; abrade metal or composites and remove dust before application.
- Application: Measure the stated ratio, mix until uniform, then apply and compact to minimise entrapped air.
- Environment: Keep the substrate at least 3°C above dew point. Cold extends cure; heat shortens working time.
- Storage & safety: Store sealed at 5-30°C in a cool, dry place; typical shelf life 12 months. Use gloves and eye protection; consult the SDS.