

ZDS-CeramicArmor™ · CA SERIES

ZDS-CA1842

Rapid-Cure Coarse-Particle Wear Protection Compound



Product Description

Rapid-Cure Coarse-Particle Wear Protection Compound

Service Temperature

Typical: -40°C to +150°C

Mixing Ratio

Typical A:B = 1:1

Cure Schedule

Typical Initial cure: 10-20 m...

Core Advantages

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

Technical Data

Service Temperature	Typical: -40°C to +150°C
Mixing Ratio	Typical A:B = 1:1
Cure Schedule	Typical Initial cure: 10-20 min; Full cure: 24 h at 25°C

Applications

Pumps and pump casings, chutes and hoppers, slurry and bulk-material systems, industrial pipelines; protective coating.

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 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.

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.