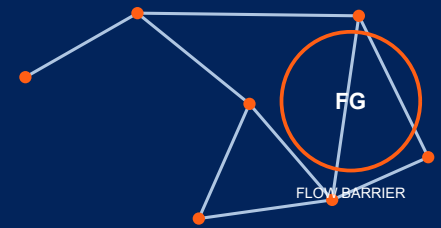


ZDS-FluidGlide™ · FG SERIES

ZDS-FG2113

Novolac High-Velocity Barrier Coating



Product Description

Novolac High-Velocity Barrier Coating

Service Temperature

Dry: 280 to 300°C

Mixing Ratio

2:1

Cure Schedule

Pot life: 4-6h

Core Advantages

- ✓ Corrosion resistance
- ✓ Resistance to chemical media
- ✓ High-temperature service capability

Applications

Heat exchangers and tube sheets, pumps and pump casings, valves, pipe elbows and tees, tanks and vessels, flue and air ducts; protective coating.

Typical Application Parameters

Product Form	Coating
Mixed Color	Typical: Dark grey
Application Temperature	Recommended: 10°C to 35°C
Working Time (25°C)	4-6 h
Recommended Layer	Recommended: 0.5-1.0 mm / coat
Initial Cure (25°C)	16-20 h

Technical Data

Glass transition (Tg)	≥220°C
Taber abrasion	≤25 mg
Mixed viscosity	1,000-2,000 mPa·s
Service Temperature	Dry: 280 to 300°C; wet: ≤180°C
Mixing Ratio	2:1
Cure Schedule	Pot life: 4-6h; Tack-free: 16-20h; Full cure: 7 days (recommended post-cure 200°C x 30min)

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.