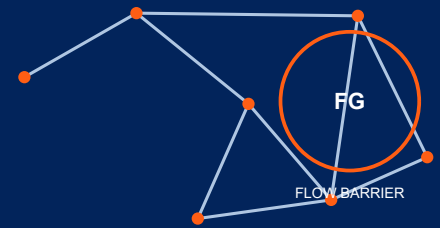


ZDS-FluidGlide™ · FG SERIES

ZDS-FG1151

Hydro-Efficiency Flow Topcoat



Product Description

Hydro-Efficiency Flow Topcoat

Service Temperature

Dry: -40°C to 180°C

Mixing Ratio

A:B = 3:1

Cure Schedule

Pot life: 35-45 min

Core Advantages

- ✓ Resistance to chemical media
- ✓ High-temperature service capability
- ✓ Smooth, low-friction surface

Applications

Heat exchangers and tube sheets, pumps and pump casings, valves, tanks and vessels, flue and air ducts, industrial pipelines; 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)	35-45 min
Recommended Layer	Recommended: 0.5-1.0 mm / coat
Initial Cure (25°C)	Typical: 12-24 h

Technical Data

Glass transition (Tg)	≥105°C (ambient cure)
Taber abrasion	≤30 mg
Solids content	100%
Service Temperature	Dry: -40°C to 180°C; wet: up to 120 to 130°C
Mixing Ratio	A:B = 3:1
Cure Schedule	Pot life: 35-45 min; Full cure: 7 days

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.