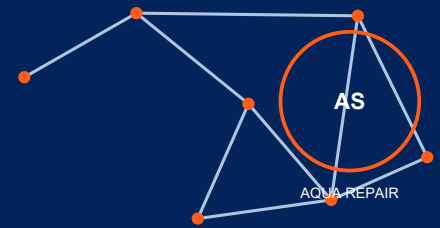


ZDS-AquaShield™ · AS SERIES

ZDS-AS2187

Marine Engineering Equipment Protection Coating



Product Description

Marine Engineering Equipment Protection Coating

Service Temperature

-60 to 150°C

Mixing Ratio

A:B = 8:1

Cure Schedule

24 h

Core Advantages

- ✓ Wet and underwater service capability
- ✓ Adhesion to damp and submerged substrates
- ✓ Waterproof field repair

Applications

Offshore platforms, marine structures, industrial pipelines; protective coating.

Technical Data

Tensile strength	326
Shear strength	321
Compressive strength	896
Service Temperature	-60 to 150°C
Mixing Ratio	A:B = 8:1
Cure Schedule	24 h

Typical Application Parameters

Product Form	Coating
Mixed Color	Typical: Grey
Application Temperature	Recommended: 0°C to 35°C
Working Time (25°C)	Typical: 30-45 min
Recommended Layer	Recommended: 0.5-1.0 mm / coat
Initial Cure (25°C)	Typical: 4-6 h

Application Guidance & Storage

- Surface preparation: Remove loose material and contamination; mechanically prepare damp or submerged surfaces where practical.
- 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.