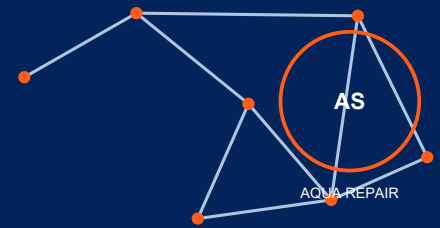


ZDS-AquaShield™ · AS SERIES

ZDS-AS2186

Submerged-Asset Protective Coating



Product Description

Submerged-Asset Protective Coating

Service Temperature

Suitable for underwater service...

Mixing Ratio

A:B = 2:1

Cure Schedule

Initial cure: 1 h / Full cure...

Core Advantages

- ✓ Corrosion resistance
- ✓ Resistance to chemical media
- ✓ Rapid cure for reduced downtime

Applications

Marine structures, industrial pipelines; protective coating, repair and rebuilding.

Technical Data

Tensile strength	≥25 MPa
Compressive strength	≥50 MPa
Flexural strength	≥30 MPa
Service Temperature	Suitable for underwater service and 0°C conditions
Mixing Ratio	A:B = 2:1
Cure Schedule	Initial cure: 1 h / Full cure: 24-48 h

Typical Application Parameters

Product Form	Coating
Mixed Color	Typical: Grey
Application Temperature	Recommended: 0°C to 35°C
Working Time (25°C)	Typical: 5-15 min
Recommended Layer	Recommended: 0.5-1.0 mm / coat
Initial Cure (25°C)	1 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.