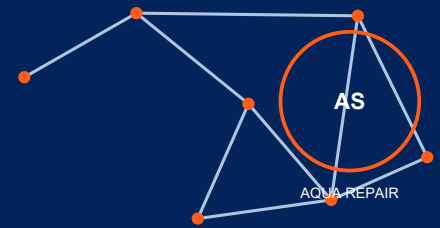


ZDS-AquaShield™ · AS SERIES

ZDS-AS1002

Underwater Rebuilding Putty



Product Description

Underwater Rebuilding Putty

Service Temperature

Continuous: 80 to 90°C

Mixing Ratio

A:B = 1:1

Cure Schedule

Working time: 3-6 min

Core Advantages

- ✓ Resistance to chemical media
- ✓ Rapid cure for reduced downtime
- ✓ Wet and underwater service capability

Applications

Marine structures, tanks and vessels, pools and water features, industrial pipelines; repair and rebuilding.

Technical Data

Tensile strength	12-18 MPa
Compressive strength	55-75 MPa
Hardness	Shore D 75-85
Service Temperature	Continuous: 80 to 90°C; short-term: 120°C
Mixing Ratio	A:B = 1:1
Cure Schedule	Working time: 3-6 min; Initial cure: 5-10 min; Full cure: 24 h

Typical Application Parameters

Product Form	Putty
Mixed Color	Typical: Grey
Application Temperature	Recommended: 0°C to 35°C
Working Time (25°C)	3-6 min
Recommended Layer	Recommended: 3-10 mm
Initial Cure (25°C)	5-10 min

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.