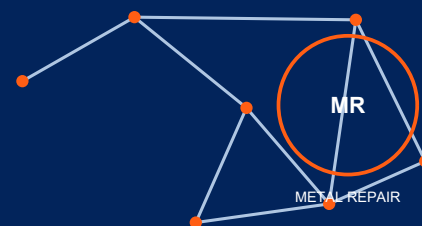


ZDS-MetalRebuild™ · MR SERIES

# ZDS-MR5018

Nano-Ceramic Adhesive



## Product Description

Nano-Ceramic Adhesive

Service Temperature

**Typical: -40°C to +120°C**

Mixing Ratio

**Typical A:B = 1:1**

Cure Schedule

**Typical Initial cure: 4-6 h**

## Core Advantages

- ✓ Wet and underwater service capability
- ✓ Multi-substrate compatibility
- ✓ Ceramic-reinforced protection

## Technical Data

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Pack size           | 100 g                                                |
| Service Temperature | Typical: -40°C to +120°C                             |
| Mixing Ratio        | Typical A:B = 1:1                                    |
| Cure Schedule       | Typical Initial cure: 4-6 h; Full cure: 24 h at 25°C |

## Applications

Ceramic and glass-lined equipment, glass and stone components, industrial pipelines; bonding, repair and rebuilding.

## Typical Application Parameters

|                         |                                   |
|-------------------------|-----------------------------------|
| Product Form            | Adhesive                          |
| Mixed Color             | Typical: Grey                     |
| Application Temperature | Recommended: 10°C to 35°C         |
| Working Time (25°C)     | Typical: 30-45 min                |
| Recommended Layer       | Recommended: 0.2-1.0 mm bond line |
| Initial Cure (25°C)     | Typical: 4-6 h                    |

## 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.