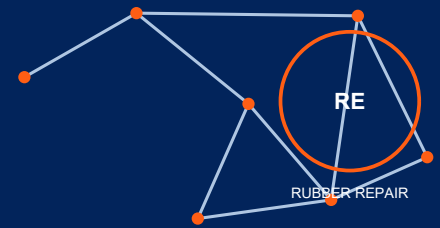


ZDS-RubberElast™ · RE SERIES

# ZDS-RE3005

EPDM Rubber Adhesive



## Product Description

EPDM Rubber Adhesive

Service Temperature

**-35 to 120°C**

Mixing Ratio

**A:B = 100:4**

Cure Schedule

**24 h**

## Core Advantages

- ✓ Cold-applied elastomeric repair
- ✓ Flexible bonding and sealing

## Applications

Industrial pipelines, protective linings; bonding, sealing.

## Technical Data

|                     |              |
|---------------------|--------------|
| Shear strength      | 5 MPa        |
| Hardness            | Shore D 65   |
| Dielectric strength | 16           |
| Service Temperature | -35 to 120°C |
| Mixing Ratio        | A:B = 100:4  |
| Cure Schedule       | 24 h         |

## Typical Application Parameters

|                         |                                   |
|-------------------------|-----------------------------------|
| Product Form            | Adhesive                          |
| Mixed Color             | Typical: Black                    |
| 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 and roughen rubber or metal; remove release agents, oil and dust. Use a compatible primer where required.
- 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.