

Multitek™ Adhesive SDW

Universal, solvent free, thixotropic, 2-component epoxy glue to be used on dry or wet surfaces

Product Description

Universal, solvent free, thixotrope, 2-component epoxy adhesive. All components are pre-weighted resulting in an easy to mix system:

- A-component : Epoxy resin
- B-component : Polyamine hardener

Field of Application

- Application of Colfex™ waterproofing tape on dry surfaces.
- For gluing in thin layers or repairing pre-cast concrete elements, wood, metal, porous stone, natural stone, etc.

Product Advantages

- Adhesion to wood, stone and concrete surpasses material cohesion
- Multitek Adhesive SDW is solvent free
- Fast curing, even at low temperatures
- Very good mechanical properties
- High wear and impact resistance
- Cures without shrinking
- Easy to mix and use

Appearance

| | |
|-------------|--------------------------|
| A-component | White epoxy resin |
| B-component | Black polyamine hardener |
| Mixture | Grey |

Packaging

5kg sets (5.7kg gross)

| | |
|-------------|--------|
| A-component | 3.75kg |
| B-component | 1.25kg |

Technical Data / Properties

| Property | Value |
|-------------------------------|------------------------------|
| Density (Mixture) | 1.8kg / dm ³ |
| Adhesion to Dry Concrete | Surpasses concrete coherence |
| Adhesion to Wet Concrete | Surpasses concrete coherence |
| Adhesion to Steel | 11N / mm ² |
| Compressive Strength | 65N / mm ² |
| Compressive Strength Flexural | 35N/ mm ² |
| Pot life (100 g at 20 °C) | 1.5 hour |
| Complete Curing | 7 days |
| Minimal Application Temp. | 8 °C |
| Form Change During Curing | None |

Full chemical or mechanical resistances are only reached after a curing period of 7 days at 21 °C. Mechanical properties of epoxy resins decrease at temperatures higher than 50 °C.

Application

1. Surface Preparation

- To obtain an optimum adhesion, the surface must be clean, degreased and dust-free. When applying to metal, first remove the milling surface or the oxidised skin.

2. Mixing

- Prior to mixing, stir the components separately to eliminate sediments.
- Add B-component completely to A-component. Mix thoroughly with an electric mixer (3-4 min, max 600 rpm) until an uniform grey colour is obtained.
- Avoid mixing air into the mixture.
- The mixing ratio A/B is 3:1.

3. Application

- Remove the water before application of the adhesive.
- Apply with a spatula, trowel or by hand (wear suitable rubber gloves).
- Apply Multitek Adhesive SDW directly to the surface.
- Perfect application temperature is between 10° and 20 °C.

4. Cleaning

- Mixing and application equipment should be cleaned immediately with Washing Agent Eco. Remove hardened material mechanically.

Consumption

Multitek Adhesive SDW: 1.8kg / m² per mm thickness

Storage

Multitek Adhesive SDW should be stored in the original packaging in a dry area. Storage temperature must be between 5 °C and 30 °C. Once a pail has been opened, the useful life of the material is greatly reduced and should be used as quickly as possible. Shelf life: 2 years.

Health and Safety

Multitek Adhesive A-component is classified as irritating.
Multitek Adhesive B-component is classified as corrosive.

Multitek Adhesive SDW is a product based on epoxy and can therefore cause irritations to skin and mucous membranes which should be protected during application. Always wear protective clothing, gloves, safety goggles and avoid breathing vapours and dust. Use adequate ventilation and wearing a suitable mask is recommended.

Treat splashes to eyes and skin immediately and abundantly with clean water. Consult a doctor when irritation continues.

For full information, consult the relevant Material Safety Data Sheet.

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