



# WOOD FINISHES DIRECT

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[Repair Care DRY FLEX 4](#)

# DRY FIX® / DRY FLEX® 4

For all type of timber repairs, in all seasons

- For the permanent repair of wood decay and wood damage.
- Suitable for renovating, restoring and maintaining wooden components.
- For use indoors and outdoors.
- Excellent adhesion on many types of wood.
- Permanently elastic.



## DRY FIX® 4

**Characteristics:**

- Ensures maximum bonding between DRY FLEX® 4 and the substrate.
- Penetrates quickly and deeply into the wood.
- Easy brush application.
- After application can be left up to 8 hours before application of DRY FLEX® 4.
- Easy, proper dosing by tick marks on packaging.
- Pre-opened bottles.



## DRY FLEX® 4

**Characteristics:**

- Ready for sanding and painting after 4 hours (at 20°C).
- Non-sagging.
- Easy to apply and very easy to mold tight.
- For repairs with a layer thickness of 5 - 50 mm\*.
- Application temperature: 0 - 35°C
- Application period: 20 - 25 minutes
- Does not shrink.
- Built-in mixing control system.
- Guaranteed adhesion of paint.
- Tested under extreme temperature conditions by independent institutes.

\* At 0 - 10°C: 5 - 50 mm; at 10 - 35°C: 5 - 20 mm

# DRY FIX®

## 4

### Elastic wood stabiliser for DRY FLEX® 4

#### PRODUCT DESCRIPTION

- Low viscosity, solvent-free 2-component product based on a specific composition of epoxy resins.
- DRY FIX® 4 is part of the REPAIR CARE system which gives durable solutions to the curative and preventative treatment of timber. See the REPAIR CARE Working Methods.

#### CHARACTERISTICS

- Ensures maximum bonding between DRY FLEX® 4 and the substrate.
- Penetrates quickly and deeply into the wood.
- Easy brush application.
- After application can be left up to 8 hours before application of DRY FLEX® 4.
- Low viscosity.
- Easy, proper dosing by dosing calibrations on packaging.
- Pre-opened bottles.

#### USES

- Pre-treatment product before application of DRY FLEX® 4.
- For new construction, repairs and preventative maintenance.
- Use in accordance with the appropriate REPAIR CARE Working Methods.

#### SURFACE PREPARATION

- Remove any paint coatings from the surfaces to be treated and sand back to bare smooth wood.
- Check the moisture content of the surface (maximum 18%) and the condition of the wood with the EASY-Q™ wood condition meter.
- Ensure that all decayed or excessively soft wood, and weathered, damaged or burnt wood is completely removed until a sound substrate is achieved. A router equipped with a round head cutter (diameter of 9,5 mm) is ideal for this.
- All surfaces must be free of dust, dirt, grease, raised wood fibres and general contamination.

#### APPLICATION

- On all applications, use a brush to pre-treat the affected area (repair surface) with DRY FIX® 4 or DRY FIX® UNI, before applying DRY FLEX® 4.
- Allow a minimum of 20 minutes and a maximum of 8 hours for the DRY FIX® 4 and a maximum of 24 hours for DRY FIX® UNI to penetrate the surface of the timber before applying DRY FLEX® 4.
- Remove any excess DRY FIX® which has not penetrated into the wood after 20 to max 45 minutes with absorbent paper.
- Apply DRY FLEX® 4.

#### PRACTICAL RECOMMENDATIONS AND USEFUL HINTS

- Before use, read the instructions and safety information on the bottles.
- Shake component A (orange) before use.
- Use the dosing calibrations on the side of the bottles.
- Check the appropriate working method as described in the REPAIR CARE Working Methods.
- Consult the product and safety information before use.
- Use a clean MIX&FIX™ set cup and spatula for correct mixing of the components.
- To ensure correct mixing always add Component B after Component A.
- Do not mix more than you can use within 30 minutes (maximum of ½ set).
- When mixing larger quantities or in direct sunlight the application period is shorter.
- Close the bottles tightly after use.
- After DRY FIX® 4 has penetrated into the wood (minimum 20 minutes), apply the DRY FLEX® 4 within 8 hours after applying DRY FIX® 4.
- On highly absorbent surfaces a second coat should be applied immediately after the first.
- For more product and system information contact Repair Care International Ltd.

#### IMPORTANT

The selection of the type of treatment and the appropriate method of work must be considered before work starts. For the best results, a prior inspection is required. See the REPAIR CARE Working Methods to select the correct treatment. Always contact Repair Care International Ltd or your area Distributor prior to commencing work.

#### TECHNICAL DATA

Composition:	Component A: modified epoxy resin. Component B: mixture of modified amines and specific raw materials.
Density at 20°C:	1.08 kg/dm <sup>3</sup> (mixed product).
Solids content:	100 vol.% (=100 weight %).
Viscosity at 20°C (mPa/s):	Component A: 100. Component B: 75. A + B mixed: 100.
Flash point DIN 53213:	Component A: >100°C. Component B: >100°C.
Mixing ratio:	Component A: 2 parts by volume. Component B: 1 part by volume.
Appearance:	Component A: Transparent orange liquid. Component B: Practically colourless liquid.
Mixed product:	Transparent orange liquid.
Application period at 20°C:	15 minutes for 30ml.
Recommended application temperature:	0 - 35°C.
Concentration:	Never add a solvent or diluents.
Precautions:	Avoid skin contact by using suitable means of protection, such as nitrile gloves, safety goggles, work shoes, aprons and overalls.
Coverage:	Approx. 250 g/m <sup>2</sup> (depending on the absorbency of the surface).
Shelf life:	The use by date is stated on bottles (if stored in a cool dry place).
Pack size:	Bottle of component A: 200 ml. Bottle of component B: 100 ml. Total A + B: 300 ml.
Production:	Under ISO 9001.
Packing unit:	Cardboard box with 10 sets.
Storage/transportation:	Temperature 5°C to 40°C.

# DRY FLEX®

## 4

### The epoxy repair compound to be used in all seasons and fit for all type of timber repairs.

#### PRODUCT DESCRIPTION

- Solvent-free and filler-free 2-component product based on a specific composition of epoxy resins.
- DRY FLEX® 4 is part of the REPAIR CARE system which gives durable solutions to the curative and preventative treatment of timber. See the REPAIR CARE Working Methods.

#### CHARACTERISTICS

- Ready for sanding and painting after 4 hours (at 20°C).
  - Non-sagging.
  - Easy to apply and very easy to mold tight.
  - For repairs with a layer thickness of 5 - 50 mm\*
  - Application temperature: 0 - 35°C
  - Application period: 20 - 25 minutes
  - Does not shrink.
  - Built-in mixing control system.
  - Guaranteed adhesion of paint.
  - Tested under extreme temperature conditions by independent institutes.
  - Pure epoxy.
  - Permanently elastic.
  - Excellent adhesion on many types of wood.
  - Moisture resistant.
  - After mixing, mixture can be coloured with colouring pigment.
  - For use outdoors and indoors (free of solvents).
- \* At 0 - 10°C: 5 - 50 mm; at 10 - 35°C: 5 - 20 mm.

#### USES

- Repair of damaged or decayed wood on existing timber and in new constructions.
- Sealing and gluing of wood connections.
- Renovating, restoring and maintaining wooden components.
- Designed for application in accordance with various REPAIR CARE Working Methods.
- For inside and outside use.

#### SURFACE PREPARATION

- Remove any paint coatings from the surfaces to be treated and sand back to bare smooth wood.
- Check the moisture content of the surface (maximum 18%) and the condition of the wood with the EASY-Q™ wood condition meter.

- Ensure that all decayed or excessively soft wood, and weathered, damaged or burnt wood is completely removed until a sound substrate is achieved. A router equipped with a round head cutter (diameter of 9,5 mm) is ideal for this.
- All surfaces must be free of dust, dirt, grease, raised wood fibres and general contamination.

#### APPLICATION

- On all applications, pre-treat the affected area (repair surface) with DRY FIX® 4 or DRY FIX® UNI.
- Remove any excess DRY FIX® which has not penetrated into the wood with absorbent paper.
- Apply DRY FLEX® 4.
- Immediately remove excess product (proud modelling technique).
- Sand the cured surface before paint is applied.

#### PRACTICAL RECOMMENDATIONS AND USEFUL HINTS

- Before use, read the instructions and safety information on the tubes.
- Check the use by date shown on the tubes.
- Check the appropriate working method as described in the REPAIR CARE Working Methods.
- Consult the product and safety information before use.
- Dispense the DRY FLEX® 4 with the EASY-Q™ lightweight or high performance dosing gun.
- For mixing and applying, use the EASY-Q™ mixing plate and EASY-Q™ application knives (easy to clean after the product has hardened).
- Tightly close the opened tubes after use.
- Mix the components A and B until the mixture has a homogenous/ even colour.
- Avoid exposing the mixed product to direct sunlight (it reduces the application period).
- Spread the mixed DRY FLEX® 4 in a thin layer over the mixing plate; this increases the application period.
- When modelling corners and large repairs, the use of perspex acrylic strips is very effective.
- Do not store or transport in extreme temperature conditions (> 40°C or <5°C).
- DRY FLEX® 4 can be coloured by adding a very small quantity of concentrated pigment.
- Repaired and exposed areas of timber should be coated within one week.
- For more product and system information contact Repair Care International Ltd.

#### IMPORTANT

The selection of the type of treatment and the appropriate method of work must be considered before work starts. For the best results, a prior inspection is required. See the REPAIR CARE Working Methods to select the correct treatment. Always contact Repair Care International Ltd or your area Distributor prior to commencing work.

#### TECHNICAL DATA

Composition:	Component A: modified epoxy resin. Component B: mixture of modified amines.
Density at 20°C:	1.11 kg/dm <sup>3</sup> (mixed product).
Solids content:	100 vol.% (= 100 Weight %).
Flash point DIN 53213:	Component A: >100°C. Component B: > 130°C.
Mixing ratio:	Component A: 3 parts by volume. Component B: 1 part by volume.
Mixing Instructions:	Use EASY-Q™ lightweight or high performance dosing gun. Dispense the mix until the mixture has a homogeneous/even colour and the orange colour of Component A has disappeared.
Appearance:	Component A: High viscosity orange translucent mass. Component B: High viscosity translucent mass.
Mixed product:	Highly viscous translucent mass.
Application period at 20°C:	Approx. 20 - 25 min.
Recommended application temperature:	0 - 35°C.
Concentration:	Never add a solvent or diluents to thin the material.
Precautions:	Avoid skin contact by using suitable means of protection, such as nitrile gloves, safety goggles, work shoes, aprons and overalls.
Curing at 20°C:	Can be sanded and painted after approx. 4 hours.
Paintable:	After sanding, paint with water based (acrylic), alkyd resin or high solid paint.
Shelf Life:	The use by date is stated on tubes/ labels (if stored in a cool dry place).
Pack size:	Component A: 300 ml. Component B: 100 ml. Total A + B: 400 ml.
Production:	Under ISO 9001.
Packing unit:	Cardboard box with 20 sets.
Storage/transportation:	Temperature 5°C to 40°C.

# REPAIR CARE