

# DRY FIX® UNI / DRY FLEX® 4 (2-in-1) For small, fast wood repairs and splicing

- For the permanent repair of wood decay and wood damage.
- Suitable for quick repairs or burglary damage.
- For indoor and outdoor use.
- Excellent adhesion to many types of wood.
- Stays flexible.



## DRY FIX®

UNI



### DRY FIX® UNI Characteristics:

- Long working time (1 hour).
- Application temperature: 32–95°F.
- Flexible.
- After application it can be left for up to 24 hours before applying repair resin.
- Unique mixing control system: turns yellow after mixing.
- Solvent free.
- Does not shrink.
- Pre-measured bottles .
- Easy to dispense the correct amount of each component by using the measuring lines on the containers.

## DRY FLEX®

4



### DRY FLEX® 4 (2-in-1) Characteristics:

- Ready to sand and paint after 4 hours (at 68°F).
- Non-sagging.
- Easy to apply and very easy to mold precisely.
- For repairs with a layer thickness of 1/8"–2"\*.
- Working temperature: 32–95°F.
- Working time: 20–25 minutes.
- Does not shrink.
- Built-in mixing control system.
- Guaranteed adhesion of paint.
- Tested under extreme temperature conditions by independent institutes.

\* At 32–50°F: 1/8"–2"; at 50–95°F : 1/8"–3/4"



## Universal flexible wood stabilizer for use with all types of DRY FLEX® and BIO FLEX™

### PRODUCT DESCRIPTION

- Low viscosity, solvent-free 2-component product based on a specific composition of epoxy resins.
- DRY FIX® UNI is part of the REPAIR CARE system which provides durable solutions for the restorative and preventative treatment of wood. See the REPAIR CARE Working Methods.

### CHARACTERISTICS AND PROPERTIES

- Long working time (1 hour).
- After application it can be left for up to 24 hours before applying repair resin.
- Working temperature: 32-95°F.
- Unique mixing control system: turns yellow after mixing.
- Flexible.
- Low viscosity.
- Solvent-free.
- Penetrates quickly and deeply into the wood.
- Easy to apply with a brush.
- Does not shrink.
- Pre-measured bottles.
- Easy to dispense the correct amount of each component by using the measuring lines on the containers.

### USES

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

### SURFACE PREPARATION

- Remove any paint from the surfaces to be treated and sand back to bare, smooth wood.
- Use the EASY+Q™ wood condition meter to check the moisture content of the surface (maximum 18%) and the condition of the wood.
- Ensure that all decayed or excessively soft wood, and weathered,

damaged or burnt wood is completely removed until a sound substrate is exposed. A router equipped with a round head cutter (diameter of 9.5 mm) is ideal for removing damaged wood.

- All surfaces must be free of dust, dirt, grease, raised wood fibers or any other contaminants.

### APPLICATION

- For all applications, use a brush to pre-treat the affected area (repair surface) with DRY FIX® UNI, before applying DRY FLEX® or BIO FLEX™.
- Allow a minimum of 20 minutes and a maximum of 24 hours to penetrate the surface of the wood before applying DRY FLEX® or BIO FLEX™.
- Use paper towels or other absorbent paper to remove any excess DRY FIX® which has not penetrated into the wood after 20 to 45 minutes. Do not leave excess longer than 45 minutes.
- Apply DRY FLEX® or BIO FLEX™.

### PRACTICAL RECOMMENDATIONS AND HELPFUL TIPS

- Before use, read the instructions and safety information on the bottles.
- Shake component A (colorless) before use.
- Use the measurement marks 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™ cup and spatula set 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 kit).
- When mixing larger quantities or in direct sunlight the working time is shorter.
- Close the bottles tightly after use.
- After DRY FIX® UNI has penetrated into the wood (minimum 20 minutes), apply the DRY FLEX® or BIO FLEX™ within 24 hours after applying DRY FIX® UNI.
- On highly absorbent surfaces a second coat should be applied immediately after the first.
- For more product and system information contact Repair Care International Inc.

### IMPORTANT

The type of treatment and the appropriate working method 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 Inc. or your local Distributor before starting the work.

### TECHNICAL DATA

Composition:	Component A: modified epoxy resin. Component B: mixture of modified amines and specific raw materials.
Density at 68°F:	0.039 lb./in <sup>3</sup> (1.05 kg/dm <sup>3</sup> ) (mixed product).
Solids content:	100 vol.% (=100 weight %).
Viscosity at 68°F (mPa/s):	Component A: 125. Component B: 50. A + B mixed: 100.
Flash point DIN 53213:	Component A: >143°F (62°C). Component B: >143°F (62°C).
Mixing ratio:	Component A: 2 parts by volume. Component B: 1 part by volume.
Appearance:	Component A: Transparent colourless liquid. Component B: Practically colourless liquid. Transparent yellow liquid.
Mixed product:	Transparent yellow liquid.
Working time at 68°F:	1 hour for 1.01fl oz.
Recommended application temperature:	32- 95°F.
Dilution:	Never add a solvent or other diluents.
Precautions:	Avoid skin contact by using the appropriate personal protective equipment (PPE), such as nitrile gloves, safety goggles, work shoes, aprons and overalls.
Coverage:	Approx. 82 oz/ft <sup>2</sup> (250 g/m <sup>2</sup> ) (depending on the absorbency of the surface).
Shelf life:	The use by date is printed on the bottles (valid if stored in a cool dry place).
Standard kit size:	Bottle of component A: 6.76 fl oz. Bottle of component B: 3.38 fl oz. Total A + B: 10.14 fl oz.
Small kit size:	Bottle of component A: 2.70 fl oz. Bottle of component B: 1.35 fl oz. Total A + B: 4.05 fl oz.
Production:	Under ISO 9001.
Storage/transportation:	Temperature 41°F to 104°F.



## The epoxy repair compound that you can use in any season and which is suitable for any type of wood repairs.

### PRODUCT DESCRIPTION

- Solvent-free and filler-free 2-component product based on a specific composition of epoxy resins.
- DRY FLEX® 4 (2-in-1) is part of the REPAIR CARE system which provides durable solutions for the restorative and preventative treatment of wood. See the REPAIR CARE Working Methods.

### CHARACTERISTICS

- Ready to sand and paint after 4 hours (at 68°F).
  - Non-sagging.
  - Easy to apply and very easy to mold precisely.
  - For repairs with a layer thickness of 1/8"-2" \*.
  - Working temperature: 32-95°F.
  - Working time: 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.
  - Stays flexible.
  - Excellent adhesion on many types of wood.
  - Moisture resistant.
  - After mixing, mixture can be colored with pigment/colorant.
  - For indoor and outdoor use (solvent-free).
- \* At 32-50°F : 1/8"-2" ; at 50-95°F : 1/8"-3/4"

### USES

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

### SURFACE PREPARATION

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

- Ensure that all decayed or excessively soft wood, and weathered, damaged or burnt wood is completely removed until a sound substrate is exposed. A router equipped with a round head cutter (diameter of 9.5 mm) is ideal for removing damaged wood.
- All surfaces must be free of dust, dirt, grease, raised wood fibers or any other contaminants.

### APPLICATION

- For all applications, pre-treat the affected area (repair surface) with DRY FIX® UNI.
- Use paper towels or other absorbent paper to remove any excess DRY FIX® which has not penetrated into the wood.
- Apply DRY FLEX® 4 (2-in-1).
- Immediately remove excess product (proud modelling technique).
- Sand the cured surface before painting.

### PRACTICAL RECOMMENDATIONS AND HELPFUL TIPS

- 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 (2-in-1) with the EASY+Q™ lightweight or high performance dosing gun.
- For mixing and applying, use the EASY+Q™ mixing plate and EASY+Q™ application/putty knives (easy to clean after the product has hardened).
- Tightly close the opened tubes after use.
- Mix components A and B until the mixture has a homogenous/ even color.
- Avoid exposing the mixed product to direct sunlight (it reduces the working period).
- Spread the mixed DRY FLEX® 4 (2-in-1) in a thin layer over the mixing plate; this increases the working time.
- When modelling corners and large repairs, the use of acrylic (Plexiglass) strips is very effective.
- Do not store or transport in extreme temperature conditions (>104°F or <41°F).
- DRY FLEX® 4 (2-in-1) can be colored by adding a very small quantity of concentrated pigment.
- Repaired and exposed areas of wood should be primed within 7 days.
- For more product and system information contact Repair Care International Ltd.

### IMPORTANT

The selection of the type of treatment and the appropriate working method 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 local Distributor before starting the work.

### TECHNICAL DATA

Composition:	Component A: modified epoxy resin. Component B: mixture of modified amines.
Density at 68°F:	0.0401 lb./in <sup>3</sup> (1.11 kg/dm <sup>3</sup> ) (mixed product).
Solids content:	100 vol.% (= 100 Weight %).
Flash point DIN 53213:	Component A: > 212°F. Component B: > 266°F.
Mixing ratio:	Component A: 3 parts by volume. Component B: 1 part by volume.
Mixing Instructions:	Use EASY+Q™ high performance dosing gun. Mix the components until the mixture has a homogeneous/even color and the orange color of Component A has disappeared.
Appearance:	Component A: High viscosity orange translucent paste. Component B: High viscosity translucent paste. Highly viscous translucent paste.
Mixed product:	Highly viscous translucent paste.
Working time at 68°F:	Approx. 20-25 min.
Recommended application temperature:	32-95°F.
Dilution:	Never add a solvent or other diluents to thin the material.
Precautions:	Avoid skin contact by using the appropriate personal protective equipment (PPE), such as nitrile gloves, safety goggles, work shoes, aprons and overalls.
Curing at 68°F:	Ready to sand and paint after approx. 4 hours.
Painting:	After sanding, paint with water based (acrylic), alkyd resin or high solid paint.
Shelf Life:	The use by date is printed on the tubes/ labels (valid if stored in a cool dry place)
Kit size:	5.07fl oz.
Production:	Under ISO 9001.

