

FOR LARGE REPAIRS AND PROJECTS WITHOUT TIME CONSTRAINTS

DRY FIX®

16



- Built-in mixing control system • Quick and easy application • Can be used on all timber species
- Tested under extreme temperature conditions by independent institutes • Quality of repairs maintained in all temperatures • Free from solvents and filling materials • Easy to use, colour coded packaging
- DRY FIX® can be left up to 8 hours before application of DRY FLEX®
- **2 year shelf life**, without loss of quality!

DRY FLEX®

16



DRY FIX® 16

- Low viscosity

- Penetrates more quickly and more deeply into the wood
- Easy brush application
- After application can be left up to **8 hours** before application of DRY FLEX® 16
- Maximum compatibility with DRY FLEX® 16
- Simple and clean to mix with the MIX&FIX® set

DRY FLEX® 16

- Permanently elastic
- Excellent modelling characteristics
- Easy to achieve a smooth finish in one step
- Easy to saw, plane, screw and drill
- Ready for sanding and painting after **16 hours**
- New simple opening of the cartridges
 - Screw cap with "Anti-Leak" system

 **REPAIR CARE**

PRACTICAL, FAST AND COMPLETE

DRY FIX® 16 : ELASTIC WOOD STABILISER FOR LARGE REPAIRS

PRODUCT DESCRIPTION

- Low viscosity, solvent free, two component product based on specific epoxy resins. Designed for use as the first "primer coat" application in conjunction with DRY FLEX® 16.
- DRY FIX® 16 components are part of the Window Care system which gives durable solutions to the curative and preventative treatment of timber. See the Repair Care handbook for repair methods.

CHARACTERISTICS AND PROPERTIES

- Penetrates more quickly and deeply into the wood.
- Low viscosity.
- Does not shrink.
- Strengthens the fibres of the wood.
- Easy to apply by brush.
- Correct application can be checked under UV-light.
- Maximum bonding with DRY FLEX® 16.

USES

- Pre-treatment product before application of DRY FLEX® 16.
- For new construction, repairs and preventative maintenance.
- Use in accordance with the appropriate repair methods.

SURFACE PREPARATION

- Check the moisture content of the surface (maximum 18%) and the condition of the wood with the REPAIR CARE Wood Condition Meter CS1/CS2.
- Ensure that all decayed or excessively soft wood, and weathered, damaged or burnt wood is completely removed until a sound wood substrate is achieved. (REPAIR CARE Profi C or Mini Profi machines are ideal for this).
- All surfaces must be free of dust, dirt, grease, raised wood fibres and general surface contamination.
- Remove any paint coatings from the surfaces to be treated and sand back to bare shiny wood.
- Sand the wood surface before the product is applied.

APPLICATION

- On all applications, use a brush to pre-treat the affected area with DRY FIX® 16, before applying DRY FLEX® 16.

- Allow a minimum of 20 minutes and a maximum of 8 hours for the DRY FIX® 16 to penetrate the surface of the timber.
- Remove any excess DRY FIX® 16 which has not penetrated into the wood with absorbent paper.
- Apply DRY FLEX® 16.

PRACTICAL RECOMMENDATIONS AND USEFUL HINTS

- Before use, read the instructions and safety information on the bottles.
- Shake components A and B before mixing.
- Use the dosing guide-lines on the side of the bottles.
- Follow the appropriate repair method as described in the systems handbook.
- Before use, read the safety information.
- Use the MIX & FIX® set spatula and cup 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 20 minutes (maximum of 1/2 set).
- When mixing larger quantities or in direct sunlight the application period is shorter.
- Close the bottles tightly after use.
- After DRY FIX® 16 has penetrated into the wood and within 8 hours, apply the DRY FLEX® 16.
- 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. and ask for a training course.

IMPORTANT

The selection of the type of treatment and the appropriate method of work must be considered before work starts. For the best result, a prior inspection is recommended. See the Repair Care working methods handbook 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 resins.
Density at 20°C: 1080 kg/m³ (mixed product).
Solids content: 100 vol.% (=100 weight %).
Viscosity at 20°C (mPa/s): Component A: 100.
Component B: 75.
A + B mixed: 100.
Component A : >100°C.
Component B : >100°C.
Component A : 2 parts by volume.
Component B : 1 part by volume.

Flash point DIN 53213:

Mixing ratio:

APPEARANCE

Component A: Transparent green liquid.
Component B: Practically colourless liquid.
Mixed product: Transparent green liquid.
Application period (100 ml) at 20°C: 20 minutes.
Recommended application temperature: 10 - 35°C.
Concentration: Never add a solvent or diluents.
Precautionary measures: Avoid skin contact by using suitable means of protection, such as hand protection barrier cream, gloves, safety goggles, work shoes, aprons and overalls.

Coverage:

Shelf Life:

Pack size:

Packing unit: Bottle of component A: 200 ml.
Production: Bottle of component B: 100 ml.
Storage/transportation: Total A + B: 300 ml.
Cardboard box with 10 sets.
Under ISO 9001.
Temperature 5°C to 50°C.

DRY FLEX® 16 : CURED AFTER 16 HOURS AT 20°C

PRODUCT DESCRIPTION

- A solvent free, two component product based on specific modified epoxy resins.
- DRY FLEX® 16 components are part of the Window Care system which gives durable solutions to the curative and preventative treatment of timber. See the Repair Care handbook for repair methods.

CHARACTERISTICS

- Built-in colour control system (green).
- Does not shrink.
- Permanently elastic.
- Very suitable for repairs and splicing.
- Moisture resistant.
- Ideal for lamination and gluing.
- Excellent modelling properties.
- Excellent bond with timber.
- Quick and easy to apply.
- Easy to repair with a smooth finish in one step.
- Easy to saw, plane, screw and drill.
- Cured after 16 hours.
- Can be over painted.

USES

- Repair of damaged or decayed wood on existing timber and in new construction.
- Renovating, restoring and maintaining wooden components.
- Designed for application in accordance with various Window Care repair methods.

SURFACE PREPARATION

- Check the moisture content of the surface (maximum 18%) and the condition of the wood with the REPAIR CARE Wood Condition Meter CS1/CS2.
- Ensure that all decayed or excessively soft wood, and weathered, damaged or burnt wood is completely removed until a sound wood substrate is achieved. (REPAIR CARE Profi C or Mini Profi machines are ideal for this).
- All surfaces must be free of dust, dirt, grease, raised wood fibres and general surface contamination.
- Remove any paint coatings from the surfaces to be treated and sand back to bare shiny wood.

APPLICATION

- On all applications, pre-treat the affected area with DRY FIX® 16.
- Remove any excess DRY FIX® 16 which has not penetrated into the wood with absorbent paper.
- 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 tube. Check the appropriate repair method as described in the systems handbook.
- Dispense the DRY FLEX® 16 with the REPAIR CARE lightweight dosing pistol, with the red tab in the back position.
- For mixing and applying, use the mixing plate and (plastic) application knives. (plastic is easy to clean even if the product cures on it).
- Mix the components A and B until the mixture has a homogeneous / even colour.
- Avoid exposing the mixed products to direct sunlight (it reduces the application period).
- Spread the mixed DRY FLEX® 16 in a thin layer over the mixing plate (increases the application period).
- Tightly close the opened tubes after use.
- When modelling corners and large repairs, the use of Perspex acrylic strips is very effective.
- Do not store or transport in extreme temperature conditions (> 50°C or < 5°C).
- DRY FLEX® 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 result, a prior inspection is required. See the REPAIR CARE working methods handbook 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: 1110 kg/m³.
Solids content: 100 vol.% (= 100 Weight %).
Flash point DIN 53213: Component A : >100°C.
Component B : > 250°C.

Mixing ratio:

Mixing Instructions:

APPEARANCE

Component A: High viscosity green, translucent mass.
Component B: High viscosity translucent mass.
Mixed product: Highly viscous translucent mass.
Application period at 20°C: Approx. 1.5 to 2 hours.
Recommended application temperature: 10 - 35°C.
Concentration: Never add a solvent or diluents to thin the material.

Precautionary measures:

Curing at 20°C:

Paintable:

Shelf Life:

Pack size:

Production: Under ISO 9001.
Packing unit: Cardboard box with 20 sets.
Storage/transportation: Temperature 5°C to 50°C.



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