WOOD FINISHES DIRECT

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For purchasing information visit:
Repair Care DRY FLEX 16

DRY FIX® / DRY FLEX® 16

For large, complex timber repairs and projects without time constraints

- 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® 16

Characteristics:

- Ensures maximum bonding between DRY FLEX® 16 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® 16.
- Easy, proper dosing by tick marks on packaging.
- Pre-opened bottles.

DRY FLEX® 16

Characteristics:

- Ready for sanding and painting after 16 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: 10 - 35°C
- Application period: 1,5 – 2 hours
- Does not shrink.
- Built-in mixing control system.
- Guaranteed adhesion of paint.
- Tested under extreme temperature conditions by independent institutes.

DRY FIX® 16

Elastic wood stabiliser for DRY FLEX® 16

PRODUCT DESCRIPTION
- Low viscosity, solvent-free 2-component product based on a specific composition of epoxy resins.
- DRY FIX® 16 is part of the REPAIR CARE system which gives durable solutions to the curative and preventive treatment of timber. See the REPAIR CARE Working Methods.

CHARACTERISTICS
- Ensures maximum bonding between DRY FLEX® 16 and the substrate.
- Penetrates quickly and deeply into the wood.
- Easy brush application.
- After application can be left up to 16 hours before application of DRY FLEX® 16.
- Low viscosity.
- Easy, proper dosing by dosing calibrations on packaging.
- Pre-opened bottles.

USES
- Pre-treatment product before application of DRY FLEX® 16.
- 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® 16 or DRY FIX® UNI, before applying DRY FLEX® 16.
- Allow a minimum of 20 minutes and a maximum of 8 hours for the DRY FIX® 16 and a maximum of 24 hours for DRY FIX® UNI to penetrate the surface of the timber before applying DRY FLEX® 16.
- Remove any excess DRY FIX® which has not penetrated into the wood after 20 to max 45 minutes with absorbent paper.
- Apply DRY FLEX® 16.

PRACTICAL RECOMMENDATIONS AND USEFUL HINTS
- Before use, read the instructions and safety information on the bottles.
- Shake component A (green) 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® 16 has penetrated into the wood (minimum 20 minutes), apply the DRY FLEX® 16 within 8 hours after applying DRY FIX® 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.

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

Compostion:	Component A: modified epoxy resin. Component B: mixture of modified amines and specific raw materials.
Density at 20°C:	1.08 kg/dm^3 (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 green liquid. Component B: Practically colourless liquid.
Mixed product:	Transparent green liquid.
Application period at 20°C:	15 minutes for 30ml.
Recommended application temperature:	10 - 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^2 (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® 16

The epoxy repair compound for large, complex timber repairs and projects without time constraints.

PRODUCT DESCRIPTION
- Solvent-free and filler-free 2-component product based on a specific composition of epoxy resins.
- DRY FLEX® 16 is part of the REPAIR CARE system which gives durable solutions to the curative and preventive treatment of timber. See the REPAIR CARE Working Methods.

CHARACTERISTICS
- Ready for sanding and painting after 16 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: 10 - 35°C
- Application period: 1,5 – 2 hours
- 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).

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® 16 or DRY FIX® UNI.
- Remove any excess DRY FIX® which has not penetrated into the wood with absorbent paper.
- Apply DRY FLEX® 16.
- 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® 16 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® 16 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® 16 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^3 (mixed product).
Solids content:	100 vol.% (= 100 Weight %).
Flash point DIN 53213:	Component A: >100°C. Component B: > 250°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 green colour of Component A has disappeared.
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 – 2 hours.
Recommended application temperature:	10 - 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. 16 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

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