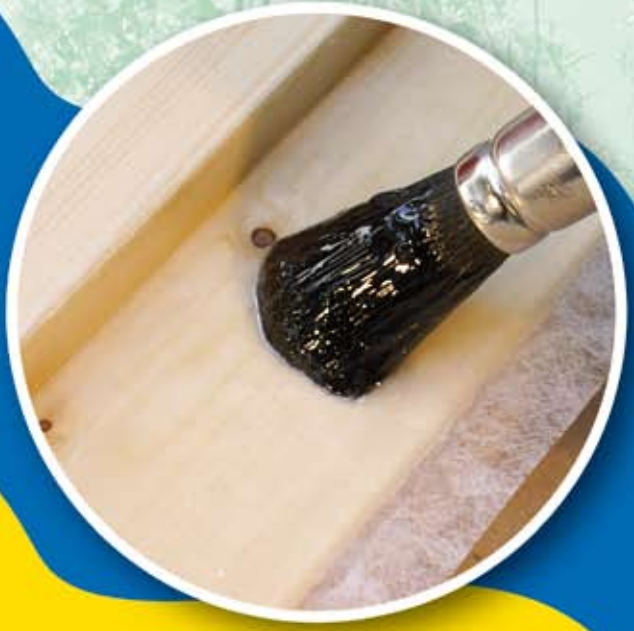
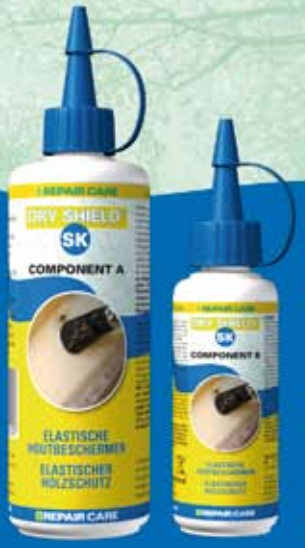
POLYESTER FABRIC REPAIR SYSTEM AND END-GRAIN SEALER

DRY SHIELD® SK

- Built-in mixing control system
- Excellent bond with timber
- Quick and easy application
- Can be used on all timber species
- Free from filling materials
- Moisture resistant
- Excellent adhesive qualities
- **No primer required!**
- **2 year shelf life!**

IMPROVED APPLICATION!





DRY SHIELD® SK

- Permanently elastic
- Unique two-phase viscosity system
- Easy brush application
- Ready for sanding and painting after **6 hours**
- Simple and clean to mix with the MIX & FIX® set

REPAIR CARE

PRACTICAL, FAST AND COMPLETE

DRY SHIELD® SK: POLYESTER FABRIC REPAIR SYSTEM AND END-GRAIN SEALER

PRODUCT DESCRIPTION

- Two component product, based on specific epoxy resins.
- DRY SHIELD® SK components are part of the REPAIR CARE system which gives durable solutions to the curative and preventative treatment of timber. See the REPAIR CARE handbook for Working Methods.

CHARACTERISTICS AND PROPERTIES

- Built-in colour control system.
- Penetrates deeply into the wood.
- Unique two-phase viscosity system.
- Permanently elastic.
- No vapour emission.
- Easy brush or roller application.
- Great adhesive qualities.
- Can be over painted.
- Excellent protection in combination with the polyester fabric system.
- Excellent bond with timber.

USES

- Specially developed for the complete sealing of end-grain on crosscut faces and unprotected wood.
- Wood stabiliser for the application of the polyester fabric system.
- Sealing and protection of new and existing wooden constructions.
- For maintenance, renovation, restoration and new constructions.
- For application in full accordance with the appropriate REPAIR CARE Working 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.
- 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 MINI PROFI® machines is ideal for this).
- All surfaces must be free of dust, dirt, grease, raised wood fibres and general surface contamination.
- Sand the wood surface before the product is applied.

APPLICATION

1. Application as end-grain sealer

- Dispense DRY SHIELD® SK into MIX & FIX® cup and mix it with wooden spatula until the first phase of the viscosity system is reached. DRY SHIELD® SK is now a colourless, viscous mass.
- Apply DRY SHIELD® SK in a fully uniform layer thickness with a brush.
- Apply a second fully uniform layer thickness with the brush as soon as the second phase of the viscosity system (colourless and liquid) is reached.
- Sand the cured surface before paint is applied.

2. Application of the polyester fabric system

- Cut the REPAIR CARE polyester fabric to length.
- Dispense DRY SHIELD® SK into MIX & FIX® cup and mix it with wooden spatula until the first phase of the viscosity system is reached. DRY SHIELD® SK is now a colourless, viscous mass. When mixing larger quantities, please pour mixed product into a roller tray with a large surface area. The application period will be extended.
- Apply DRY SHIELD® SK in a fully uniform layer thickness with a brush.
- Directly embed the REPAIR CARE polyester fabric into the layer of DRY SHIELD® SK. 'Iron' the polyester fabric with the help of a REPAIR CARE plastic application knife.
- Directly apply a second fully uniform layerthickness of DRY SHIELD® SK (viscous mass) with the brush. Smooth the surface with the help of a REPAIR CARE plastic application knife.
- Apply a third fully uniform layer thickness of DRY SHIELD® SK with the brush as soon as the second phase of the viscosity system (colourless and liquid) is reached. Smooth the surface with the help of a REPAIR CARE plastic application knife.
- Sand the cured surface before paint is applied.

PRACTICAL RECOMMENDATIONS AND USEFUL HINTS:

- Before use, read the instructions on the bottle.
- Check the use by date shown on the bottle.
- Check the appropriate Working Method as described in the systems handbook.
- Before use, read the safety information
- Shake Component A (blue) before mixing.
- Use the dosing calibrations on the side of the bottles.
- 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. The mix is correct when the product is transparent and viscous.
- Do not mix more than you can use within 15 minutes (max. ¼ set).
- When mixing larger quantities or in direct sunlight the application period is shorter.
- Do not store or transport in extreme temperature conditions (> 25 °C or < 5 °C).
- Close the bottles tightly after use.
- Repaired and exposed areas of timber should be coated within one week.
- For more product and system information contact Repair Care International Ltd.

TECHNICAL DATA

Composition:	Component A: modified epoxy resins. Component B: mixture of modified amines and specific additives.
Density at 20 °C:	1100 kg/m³ (mixed product).
Viscosity at 20 °C (mPa/s):	Component A: 400. Component B: 125. A+B mixed: variable.
Flash point DIN 53213:	Component A > 93 °C. Component B > 100 °C.
Mixing ratio:	Component A: 2,5 parts by volume. Component B: 1 part by volume.

APPEARANCE

Component A:	Transparent blue liquid.
Component B:	Practically colourless liquid.
Mixed product:	Transparent colourless liquid.
Application period (70 ml) at 20 °C:	15 minutes.
Recommended application temperature:	0 - 25 °C.
Concentration:	Never add a solvent or diluents.
Precautionary measures:	Avoid skin contact by using suitable means of protection, such as gloves, safety goggles, work shoes, aprons and overalls.
Coverage	Approx. 1100 g/m² (depending on the absorbency of the surface)
Curing at 20 °C:	6 hours.
Shelf life:	2 years when stored in a cool, dry place in closed, original bottles. See use by date on bottles.
Pack size:	Bottle of Component A: 200 ml. Bottle of Component B: 80 ml. Total A + B: 280 ml.
Packing unit:	Cardboard box with 10 sets.
Production:	Under ISO 9001.
Storage/Transport:	Temperature 5 °C to 25 °C.

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.

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REPAIR CARE INTERNATIONAL
DURABLE REPAIR SOLUTIONS