REPAIR CARE

# DRY FLEX™ MP
## Multi purpose glazing sealant

- A durable alternative to linseed oil putty in wooden and metal windows.
- For bedding-in glazing beads.
- Universal sealant for maintenance, renovation and restoration.
- Suitable for filling nail and screw holes.
- Application temperature: 5 - 40°C!
- Available in white or brown.







## DRY SEAL™ MP
### Characteristics:

- Modified silane terminated polymer.
- Moisture and UV-resistant • Solvent-free.
- Permanently elastic and doesn't shrink.
- Can be painted or stained after 2 hours.
- Can be applied with a standard skeleton gun.
- Excellent compatibility with all paints and stains, including VOC 2010 products.
- Compatible with double-glazed sealed units, laminated & acoustic glass and all glazing tapes.

# Multi purpose glazing sealant

## PRODUCT DESCRIPTION

- Solvent-free, one-component sealant based on specific modified silane terminated polymer.

- The product is particularly suitable for all glazing units, including standard and slim double glazed sealed units, laminated, acoustic and safety glass.

## CHARACTERISTICS

- Modified silane terminated polymer.
- Moisture and UV-resistant.
- Solvent-free.
- Permanently elastic and doesn't shrink.
- Can be painted or stained after **2 hours**.
- Can be applied with a standard skeleton gun.
- Excellent compatibility with all paints and stains, including VOC 2010 products.
- Compatible with double-glazed sealed units, laminated & acoustic glass and all glazing tapes.
- Can be left unpainted if preferred.

## USES

- A durable alternative to linseed oil putty in wooden and metal windows.

- For bedding-in timber and metal glazing beads.

- Universal sealant for maintenance, renovation and restoration.

- Glazing sealant.

- Suitable for filling nail and screw holes.

- Designed for application in full accordance with the appropriate REPAIR CARE Working Methods.

- DRY SEAL™ MP is also suitable for use in applications were a glazing tape is used, including EPDM, polyolefin foam and butyl rubber.

- DRY SEAL™ MP 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.

## SURFACE PREPARATION

**Wood:**

- Remove all failed putty.

- Check the moisture content of the wood (maximum 18%) and the condition of the wood with the EASY•Q™ Wood Condition Meter.

- Repair any decayed or damaged timber using the appropriate REPAIR CARE Working Method.

- All surfaces to which DRY SEAL™ MP is to be applied must be free of dust, dirt, moisture, grease, oil and surface contamination.

- Where paint has been removed, ensure that there is no burnt wood or raised fibres.

- Thorougly sand back to bare shiny wood and pretreat with a primer. Allow the primer to dry.

**Metal:**

- Remove all failed putty.

- The substrate must be free of oxidation (on steel, this is rust; on aluminium, a white deposit), dirt, moisture, grease and residual putty, mastic or sealant.

- Pretreat with a corrosion resistant quick drying primer before the application of DRY SEAL™ MP.

## APPLICATION

**General:**

- Apply DRY SEAL™ MP in accordance with the appropriate REPAIR CARE Working Methods.

- Use EASY•Q™ professional dispensing gun and EASY•Q™ applicator.

- When using the product as a sealant, make sure that application results in a good bond between DRY SEAL™ MP and the substrate.

- Avoid air bubbles when applying DRY SEAL™ MP.

- Always ensure that DRY SEAL™ MP is applied in such a way that it has a water shedding profile.

- If finishing DRY SEAL™ MP with a paint or stain, this can be done after 2 hours.

## PRACTICAL RECOMMENDATIONS AND USEFUL HINTS

- Before use, read the instructions on the tube.

- Check the expiry date before use.

- DRY SEAL™ MP is easy to apply with the EASY•Q™ professional dispensing gun.

- DRY SEAL™ MP should be finished using the EASY•Q™ applicator.

- Never finish DRY SEAL™ MP with water or detergent.

- Curing is slightly slower at a low R.H. (<30 - 40%).

- If painting DRY SEAL™ MP do so within a month of application. If painting at a later date, lightly sand cured DRY SEAL™ MP.

- Any traces of DRY SEAL™ MP on glass can be easily removed after a few hours or preferably the next day with a sharp blade.

- If the substrate is suspect, first carry out a test application.

- Do not apply DRY SEAL™ MP during wet or damp weather (max. R.H. 85%).

- Store between 5°C and 30°C and below 65% R.H..

- While DRY SEAL™ MP is completely compatible with all types of glazing, there remains a very small risk that defective manufacture or installation of the units (for example poor workmanship, moisture ingress during transportation/storage, damage during fitting) may cause premature failure.

- Solvent based primers may experience extended drying times. Water based primers are recommended.

**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: | Modified silane terminated polymer with specific extenders. |
| Density at 20 °C: | 1.55 kg/dm$^3$. |
| Solids content: | 100 vol % (=100 weight %). |
| Flash point: | 101°C. |
| Samenstelling: | Gemodificeerde silaangetermineerde polymeren met specifieke extenders. |
| Appearance: | Paste-like. |
| Colour: | Standard white and brown (RAL 8007). |
| Skin formation at 65% R.H.: | 15 minutes. |
| Hardening at 20 °C, 65% R.H.: | 3 mm in 24 hours. |
| Shore A hardness: | 65. |
| Application temperature: | 5 - 40°C. |
| Application: | Use EASY•Q™ professional dispensing gun and EASY•Q™ applicator. |
| Paintable: | After 2 hours at 20°C. |
| Shelf life: | 12 months, in unopened, original pack in a cool, dry place: see expiry date on tube. |
| Pack: | Tube of 290 ml. |
| Packing unit: | Cardboard box with 24 tubes. |
| Production: | Under ISO 9001. |
| Storage/transportation temperature: | 5°C to 30°C, max R.H. 65%. |

## TEST RESULTS OF INSTITUTES

| | |
|---|---|
| Testing method: | DIN53504. |
| E modulus (100%): | 1.9 [N/mm2]. |
| Tensile strength: | 2.2 [N/mm2]. |
| Elongation at break: | 190%. |

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