

MULTI PURPOSE GLAZING SEALANT

DRY SEAL™

MP



- 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



DRY SEAL™ MP

- 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

 **REPAIR CARE**

PRACTICAL, FAST AND COMPLETE

DRY SEAL™ MP: 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 AND PROPERTIES

- 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 OF DRY SEAL™ MP

- 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 where 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.

PREPARATION OF SUBSTRATE

Wood:

- Remove all failed putty.
- Check the moisture content of the wood (maximum 18%) and the condition of the wood with the REPAIR CARE 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.
- Thoroughly 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 OF DRY SEAL™ MP

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 TIPS

- 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.

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.
APPEARANCE	
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/mm ²].
Tensile strength:	2.2 [N/mm ²].
Elongation at break:	190%.

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.