

# ELASTIC GLAZING SEALANT

**DRY SEAL®**

**UN**



- A durable alternative to linseed oil putty in wooden and metal window frames
- For bedding-in glazing beads
- Universal sealant for maintenance, renovation and restoration
- **Available in two colours: white and brown (RAL 8007)!**

**DRY SEAL®**

**UN**



## DRY SEAL® UN

- Modified Polysiloxane resin
- Moisture and UV-resistant
  - Solvent-free
  - Permanently elastic
- Durable alternative to putty
- Good adhesion to most substrates
- Can be painted and stained

 **REPAIR CARE**

**PRACTICAL, FAST AND COMPLETE**

# DRY SEAL® UN: ELASTIC GLAZING SEALANT

## PRODUCT DESCRIPTION

- Solvent-free, one-component sealant based on specific modified polysiloxane resin.
- DRY SEAL® UN is 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

- Solvent-free.
- Permanently elastic.
- Moisture and UV-resistant.
- Excellent bond to many substrates such as glass, wood, stone and metal.
- Easy to apply.
- Can be painted and stained.

## USES OF DRY SEAL® UN

- A durable alternative to linseed oil putty in wooden and metal window frames.
- For bedding-in timber glazing beads.
- Universal sealant for maintenance, renovation and restoration.
- Designed for application in full accordance with the appropriate 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 REPAIR CARE Wood Condition Meter.
- All surfaces to which DRY SEAL® UN 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 presence of burnt wood or raised fibres.

### 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.

## APPLICATION OF DRY SEAL® UN

### Wood:

- Bare wood must first be thoroughly sanded back to bare shiny wood and pretreated with a primer. Allow the primer to dry.
- Apply DRY SEAL® UN in accordance with the appropriate REPAIR CARE Working Methods.

### Metal:

- Metal must be pretreated with a corrosion-resistant primer before the application of DRY SEAL® UN.

### General:

- Always use DRY SEAL® UN Dispensing Gun and DRY SEAL® UN Rubber Applicator.
- When using the product as a sealant, make sure that application results in a good bond between DRY SEAL® UN and the substrate.
- Avoid air bubbles when applying DRY SEAL® UN.
- Always ensure that DRY SEAL® UN is applied in such a way that it has a water shedding profile.
- DRY SEAL® UN can be painted after 24 hours, but where possible allow 48 hours before finishing.

## PRACTICAL RECOMMENDATIONS AND USEFUL TIPS

- Before use, read the instructions on the tube.
- Check the expiry date before use.
- DRY SEAL® UN is easy to apply with DRY SEAL® UN Dispensing Gun.
- DRY SEAL® UN should be finished using the DRY SEAL® UN Rubber Applicator.
- Never finish DRY SEAL® UN with water or detergent.
- Curing is slightly slower at a low relative air humidity (<30%).
- Paint DRY SEAL® UN within a month of application.
- Any traces of DRY SEAL® UN on glass can be easily removed after a few hours or preferably the next day.
- If the substrate is suspect, first carry out a test application.
- Close tube after use.
- Do not apply DRY SEAL® UN during wet or damp weather (max. humidity 85%).
- Store between 5°C and 30°C and below 65% R.H..

## TECHNICAL INFORMATION

Composition:	Modified polysiloxane resin with specific extenders.
Density at 20 °C:	1.25 kg/dm <sup>3</sup> .
Solids content:	100 vol % (=100 weight %).
Flash point:	> 65 °C.
<b>APPEARANCE</b>	
Appearance:	Paste-like.
Colour:	Standard white. Brown (RAL 8007).
Skin formation at 65% R.H.:	30 minutes.
Hardening at 20 °C, 65% R.H.:	3 mm in 24 hours.
Shore A hardness:	55.
Application temperature:	10-30 °C.
Application:	Use DRY SEAL® Dispensing Gun and DRY SEAL® Applicator.
Paintable:	After 24 hours and preferably after 48 hours. As the first coat, apply a quick-drying (alkyd resin) primer.
Shelf life:	In unopened, original pack in a cool, dry place: see expiry date on tube.
Pack:	Tube of 310 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:	DIN53547.
E modulus:	3.8 [N/mm <sup>2</sup> ].
Elongation at rupture:	60%.

## 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.**