



Bereco

A PRACTICAL GUIDE TO
SITE CARE & STORAGE



We hope you are delighted with your new window and doors from Bereco.

This handbook has been designed to offer practical guidelines to help care for your new windows and doors from delivery through to occupancy. Our objective is to provide simple, but valuable advice on how to control your storage environment, the installation process and moisture content, ensuring you take full advantage of the performance capabilities Bereco windows and doors have to offer.

1. What are our windows and doors made from?

All our products are made from FSC® 100%, multi-layered, defect free timber. Opposing grain direction applied during the engineering process, combined with removal of natural defects helps add significant strength to products sections.



2. How are our windows and doors finished?

Our products are finished and protected by a Teknos factory finish system, both water repellent and flexible to expand and contract with the natural movement of timber. Teknos' microporous finishes allows a natural transfer of moisture vapour between the joinery and the atmosphere.

3. What are the most important factors you need to consider with storage and installation?

While protecting our factory finished components from damage is well recognised, it is also vital that basic precautions are taken to prevent excessive change in moisture content of the timber. In addition, it is essential that our products are installed level and plumb to 1/1000 degree and in accordance with our Installation Guidelines and Part L of the Building Regulations.

4. Why is the installation process a fundamental part of your build process?

An incorrectly installed window or door cannot only effect the operation of our products but it can also have a negative effect on their performance capabilities. Cold bridging, significant air/heat leakage and water infiltration are all potential issues that can arise from an incorrectly installed window or door. An incorrectly installed window or door would also invalidate any related warranties.

5. How does moisture effect our window and doors?

The moisture content of timber changes constantly with variations in the ambient temperature and relative humidity. Excessive moisture content can cause dimensional changes through swelling or shrinkage of components, blistering, localised failure of the surface coating, bowing or twisting of the timber, cracking of glazing units and operational issues.

6. What is the recommended moisture content?

The manufacturing process is carried out in a controlled environment, ensuring that all timber products are supplied at 12% (+/-2%) moisture content. In typical UK conditions, timber dimensions will vary approximately 1% for every 3% change in moisture content. Our design allows for this movement, what it does not allow for is excessive moisture. Products which are fitted in a building site environment that is uncontrolled and unheated does mean that the moisture content can increase up to and exceeding 25%. This can cause dimensional changes as large as 3-4% (which would equate to 2.5mm+/- in size causing windows and doors to stick and even not close.)

THE DO'S & DO NOT'S

From delivery to occupancy

Delivery

DO

- ✓ Prepare a suitable storage area upon delivery.
- ✓ Check your delivery is in accordance with your order, and report any damage or anomalies to Bereco within 5 working days

DO NOT

- ✗ Leave shrink wrapping on your windows and doors. This is for transport purposes only.
- ✗ Carry any products in a horizontal position and do not carry them by opening casements or glazing bars.

Storage

DO

- ✓ Store windows and doors in a dry, sheltered, well ventilated area to avoid dust and other contaminants.
- ✓ Repackage (if necessary) in well ventilated, breathable packaging.
- ✓ Store windows and doors off the ground on bearers.
- ✓ Store all windows and doors in an upright vertical position to avoid distortion.
- ✓ Take care while stacking products against finished surfaces ensuring all surfaces are protected.

DO NOT

- ✗ Store your windows and doors outside open to the elements.
- ✗ Apply air tight or non-permeable packaging like polythene
- ✗ Store windows and doors in containers.
- ✗ Store windows and doors in areas subject to condensation and very high temperatures.
- ✗ Store your window and doors in areas subject to extreme temperatures.



During Installation

DO

- ✓ Install windows and doors level with in accordance of Bereco's Installation guide and PART L Building Regulations and correct British Standards.
- ✓ Install your windows and doors within 14 days of delivery.
- ✓ Apply sealant around the window or door perimeter within 5 days of installation.
- ✓ Apply Teknos Opti Joint V sealer approved to ISO 11600-F-25LM to all site coupled elements (e.g. cill extensions).
- ✓ Ensure any cut or modified areas showing unprotected end grain are protected with Teknos water based products within your touch up kit provided.

DO NOT

- ✗ Leave any unprotected end grain exposed to the elements as this may affect the long term performance of the timber.
- ✗ Carry out redecoration works in environments below 5°C or in damp/wet conditions. Optimum conditions are between 5°C and 18°C.
- ✗ Apply Teknos Opti Joint V sealant in environments below 12°C.

After Installation

DO

- ✓ Make sure the property/building is heated and ventilated simultaneously.
- ✓ Ventilate internal rooms that have undergone any plastering, screening or rendering to prevent swelling and raising of the grain.
- ✓ Carry out any required adjustment of your windows and doors they may need due to environmental changes and settlement.

DO NOT

- ✗ Apply any adhesive tapes for finishing works. (e.g. rendering)

TIMBER
ECO
PERFORMANCE
SECURE
CHOICE
BESPOKE



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