

DRYWOOD OPTI-JOINT XP

Joint sealer

DRYWOOD OPTI-JOINT XP is specifically developed to keep wooden joints in joinery moisture tight and dry. DRYWOOD OPTI-JOINT XP is suited as a glue for wooden window frames and specific parts in windows and doors to keep finished wooden joinery in perfect condition by sealing end grains and prevention of capillaries.

DRYWOOD OPTI-JOINT XP is suitable for common hard- and softwoods and chemically or thermally modified wood. Good adhesion to various other materials that might be primed. The product fills capillaries without foaming. No long pressing times or high pressing pressures required for a good gluing. Overcoatable with common water-borne woodcoatings. Stays flexible to absorb movements in the joint due to swelling and shrinkage of post and sill during service life. DRYWOOD OPTI-JOINT XP hardens due to moisture in the air.



TECHNICAL DATA

Certificates, approvals and classification	KOMO Certificate BRL 0819 (20935)
Fields of application	Exterior doors, Windows
Recommended substrate	Hardwood, Modified wood, Softwood
Solids	Approx. 95% by volume
Volatile organic compound (VOC)	Approx. 23 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.
Colours	Translucent grey.
Density	1.20-1.25 kg/l
Storage	Shelf-life is at least 24 months in unopened and closed packaging. Must not freeze. Keep containers tightly closed after use.
Packaging	290 ml cartridges (box with 25 pcs.) and 600 ml sausages (box with 20 pcs.).

DIRECTION FOR USE

Surface preparation	The surface to be treated must be dry, clean, and free from dust.
----------------------------	---

Application conditions

Relative air humidity: Max. 75%

Temperature: Min. +15°C and max. +35°C

Check fitting of parts to be connected. If fitting is below 0.2 mm apply minimum amount of material on one side. With a fitting up to 1 mm apply a large amount of DRYWOOD Opti-Joint XP on one side. With fittings between 1 and 2 mm apply a large amount on both sides to be connected. DRYWOOD Opti-Joint XP should be applied and spread carefully over the entire surface, including the end grains.

Apply 400 to 1200 ml/m² of DRYWOOD Opti-Joint XP depending on the surface roughness and width of the fitting. Prevent application of excess amount of material in order to avoid splitting of the wood. This is especially important on areas where it cannot flow out like dowel holes. Recommended to use PVAc glue for dowels. Prevent contact of both glues.

Maximum time between application and assembly is 15 min. due to skin formation of DRYWOOD Opti-Joint XP after this time. Parts of window frame should be connected at low pressure preferably around 30 bar, not exceeding 50 bar.

Lock corner joint and the like should be secured with a stainless steel nail or screw to prevent movement of the joint before solidification of the DRYWOOD Opti-Joint XP. Dowel based joints in principal do not require this unless the size or weight of the joint is very high or if the fitting is very loose.

Ask for detailed work instructions for DRYWOOD Opti-Joint XP.

Thinning

The product is delivered ready for use.

Drying time

- touch dry

Approx. 1 h

- overcoatable

DRYWOOD Opti-joint XP can be overcoated with water-borne industrial woodcoatings from Teknos directly 15 min. to 1 h (DRYWOOD Optiprimer) or 40 h (DRYWOOD End Grain Sealer, DRYWOOD Optifinish) after application - consult Teknos.

Coating system

Joint sealer applied parts must always be protected with a topcoat treatment before they are exposed to the influence of the weather.

Cleaning

Clean equipment after use with dry cloth or suitable detergent.

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

ADDITIONAL INFORMATION

Waste management

Material and all related packaging must be disposed in a safe way in accordance with full requirements of local authorities.

Teknos Group Oy Takkatie 3, P.O.Box 107 FI-00371 Helsinki, Finland Tel. +358 9 506 091

The above information is normative and based on laboratory tests and practical experiences. The information is noncommittal, and we cannot accept liability for the results obtained under working conditions beyond our control, and consequently the buyer or the user is not released from the obligation to test the suitability of our products for specific means and application methods under the actual application conditions. Our liability covers only damage caused directly by defects in the products supplied by Teknos. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage www.teknos.com. All trademarks displayed on this document are the exclusive property of Teknos Group or its affiliated companies.