

DRYWOOD Opti-Joint XP II

Contains no or minimal solvents
Moisture tight glue for wooden window frames

PRODUCT DESCRIPTION

	DRYWOOD Opti-Joint XP II is specifically developed to keep wooden joints in joinery moisture tight and dry. Beside its gluing properties, the product protects end grains and joint-lines from water uptake.
KOMO	BRL 0819 (20935) See www.drywood.nl for use of this product in a total paint system.


TECHNICAL DATA

General	DRYWOOD Opti-Joint XP II is based on a combination of specially selected polymers and 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 endgrains and prevention of capillaries. The product is part of DRYWOOD guarantee systems such as DRYWOOD Concept X10.
Properties	Most important features of DRYWOOD Opti-Joint XP II are: suitable for common (tropical) hard- and softwoods and chemically of 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 waterborne woodcoatings. Stays flexible to absorb movements in the joint due to swelling and shrinkage of post and sill during service life. Opti-Joint XP II hardens due to moisture in the air. Patent granted (EP2055753)
Colours and packaging	DRYWOOD Opti-Joint XP II is available in wood brown or transparent grey in 310 ml cartridges, 600 ml sausages and 20 l containers. Shelf-life is at least 12 months in unopened and closed packaging and at frost-free storage. Keep packaging closed airtight after opening.
Density	1.20-1.25 kg/l
Solids content	approx. 95 Vol%
Consumption	appr. 200 ml/m ² at 0,2 mm

APPLICATION

General	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 Opti-Joint XP II on one side. With fittings between 1 and 2 mm apply a large amount on both sides to be connected. Substrate must be dry, clean and free from dust prior to application. DRYWOOD Opti-Joint XP II should be applied and spreaded carefully over the entire surface, including the end-grains. Apply 400 to 1200 ml/m ² of Opti-joint XP II depending on the surface roughness and with 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 can not 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 Opti-Joint XP after this time. Parts of window frame should be connected at low pressures preferably around 30 bar, not exceeding 50 bar. Tack-free time is approximately 0,5 hour. Opti-joint XP II can be overpainted with waterborne industrial wood coatings from Drywood Coatings directly (15 min) to 1 (Optiprimer) or 40 h (Endgrain Sealer, Optifinish) after application - consult Drywood Coatings. Max. R.H. 75 %, max. temperature 35 °C, min. temperature 15 °C. 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 Opti-Joint XP II. 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 of DRYWOOD Opti-Joint XP II.
Environment	Use the pure product. The product has low toxicity to environment, has little smell and is not flammable.
Cleaning	Clean equipment after use with dry cloth or DRYWOOD Sensisol cleaner.
Waste	Material and all related packaging must be disposed in a safe way in accordance with full requirements of local authorities.

SAFETY INFORMATION

	see Material Safety Data Sheet
	PDS no. 716001EN Revision 31 July 2013
	KOMO Certificate BRL 0819 (20935)

The above information is given according to our present knowledge. DRYWOOD COATINGS B.V. tries to keep the technical information up-to-date. In case further dates or informations of importance should come to our disposal this technical informations-heet will be updated (see date of issue). We reserve the right to modify paint-formula-tions, processing-instructions, etc. without previous notice. We can not accept liability for mis use of the product or any loss or damage arising out of such.