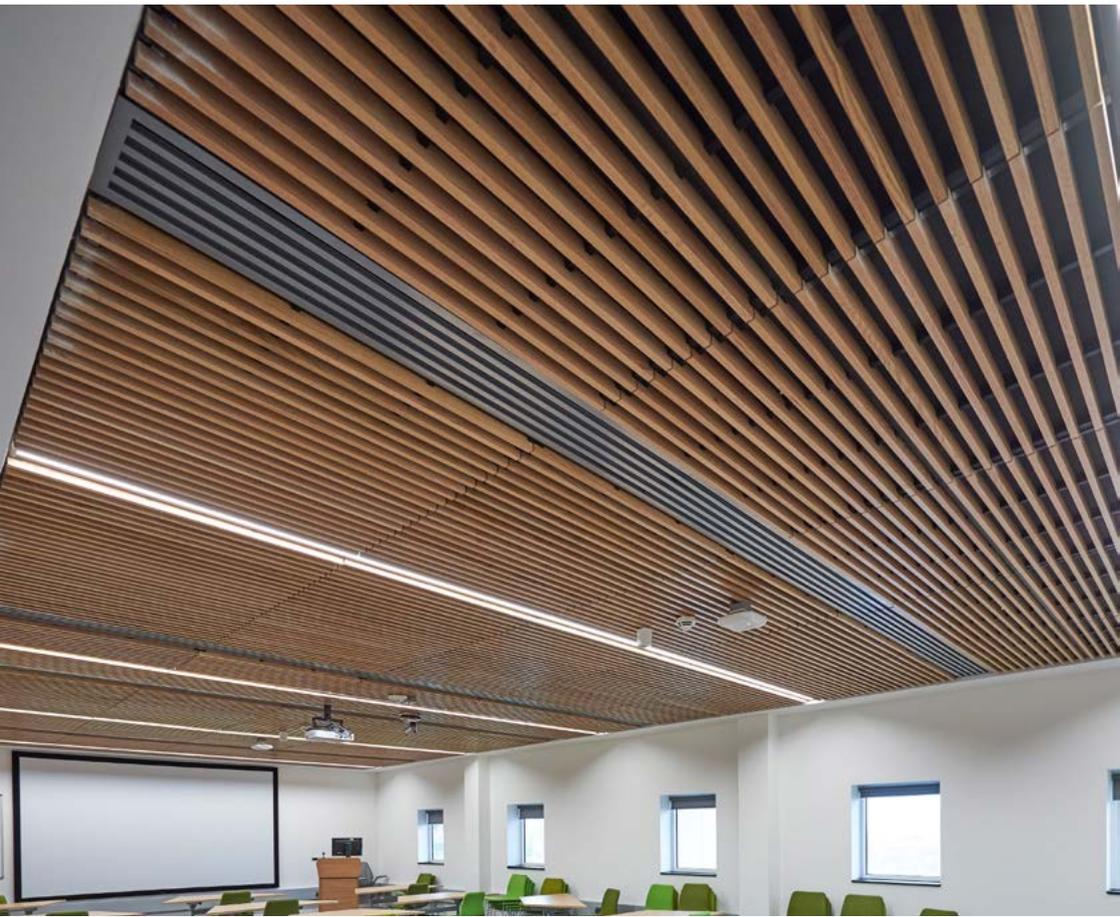


Oranit Shiluvit Stocked Timber Panels





Technical Data Sheet
Oranit Stock



Shiluvit panel system by Oranit Wood Profiles of Israel is a wall and ceiling system comprised of solid timber blades in a selection of patterns, timbers and finishes. It's popularity in the UK market is growing rapidly with sales increasing by over 80% every year for the last 5 years.

The popularity is due in part to the impressive qualifications of the product, achieving top results for fire resistance as well as full PEFC Chain of Custody for sustainably sourced timber.

Made-to-order and bespoke panels are available from the factory to fit any specification but come with minimum order quantities (or small order subsidies) as well as having a minimum lead time of 10 weeks.

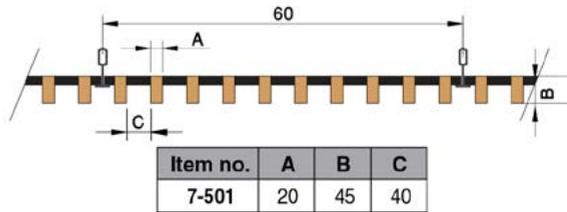
Oranit stock items are available for fast dispatch and delivery in 2 to 3 weeks (subject to stock and delivery location) in a selection of the most popular panel options. By using this stock option you can avoid both the factory lead and production time as well as reducing the shipping time as stock is held closer to home.

The following options are available as stock:

- American Yellow Pine with Clear Varnish
- American Yellow Pine with WN-2592 (Oak) Staining
- American Yellow Pine with A-4446 (Walnut) Staining



All panels in stock are available in wall and ceiling format and in either 1800mm or 1200mm x 600mm. All pieces are in style 7-501 as section drawing; with 20mm (w) x 45mm (d) blades and 40mm spaces.



Spare cross braces (for cut panels) can be sent directly from the factory by courier to arrive at the same time as stock panels and acoustic lining materials can be sent with stock panels if desired.



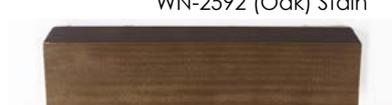
Clear Varnish

Stock pieces are sold with the same credentials as standard made-to-order Oranit Shiluvit panels as detailed across.*



WN-2592 (Oak) Stain

Ordering from stock is recommended for all orders up to and around 150m²; panel and delivery costs as well as exact lead times and delivery dates are available on request.



A-4446 (Walnut) Stain

*Due to the storage and sales process of Oranit Stock panels full PEFC Chain of Custody Certification is not currently available.

MATERIAL	THICKNESS	PANEL WIDTH	PANEL LENGTH	SURFACE
American Yellow Pine	40mm	600mm	1200mm	Clear UV Varnish, WN-2592 (Oak) Stain, or A-4446 (Walnut) Stain

AESTHETICS AND MAINTENANCE	
Colour, Pattern and Finish	Wood is a natural product and each timber is unique. Colour, pattern and texture differences are considered as normal and part of the experience of natural timbers. Wood changes over time when exposed to UV-Light.
Maintenance	Panels should be cleaned with a dry mop, vacuum, or a damp cloth. Use only soft lint free cloths. Any abrasive cleaners should be avoided. Oranit Shiluvit system is designed for indoor use only and should be installed in normal indoor conditions otherwise additional pool/outdoor lacquer is required. Panels should be well protected during transport and storage.
Storage and Installation Conditions	Prior to installation panels should be stored flat and off of the ground, ideally on their delivery pallet. For optimum product longevity humidity should be between 40% and 60% and storage and final installation temperature should be between 18° and 30°c



PRODUCTION AND DELIVERY	
Production	Oranit Stock panels are produced alongside made-to-order panels at the Oranit factory in Israel and meet the same criteria for sustainable timber sourcing as well as acoustic testing and fire accreditation. The three panel options available represent the most popular options for the UK and European markets. Although American Yellow Pine would usually carry PEFC certification for their chain of custody due to the storage and sales process for these 'stock' panels we are currently unable to supply with PEFC Chain of Custody.
Storage	Up to 300m ² of each panel type are stored at any time making the Oranit Stock service ideal for orders up to 150m ² which would otherwise be subject to minimum order quantity restrictions from the factory in addition to LCL shipping fees.
Delivery	Panels are stored in Oosterhout, Netherlands ready for 1-2 week dispatch to the UK via Felixstowe Port. Panels can also be sent alongside LSA Black Acoustic Mineral Wool.

INSTALLATION	
Ceiling Installation	Overhanging cross braces across widths to support panel in T24 ceiling grid, panels are fully demountable using tip-and-tilt installation method.
Wall Installation	Panels are fixed through the support braces at 600mm centres, overhanging cross braces across length to ensure alignment.
Tooling	Panels can be cut for installation using a crosscut saw (with extraction), additional cross braces are supplied for length cuts.

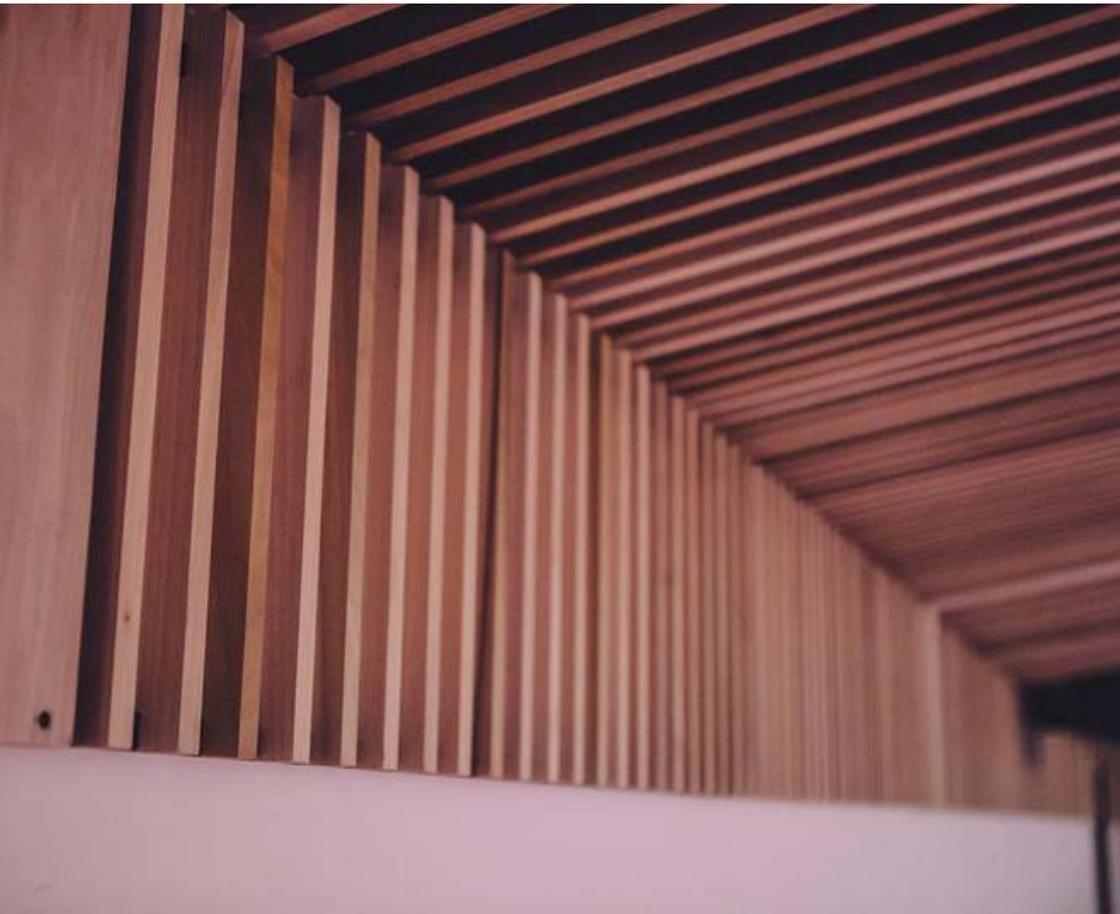
DESIGN OPTIONS	
Timber	Oranit Stock items are all made from American Yellow Pine
Finishing	Stock panels are available in three finishes: Clear UV Varnish, WN-2592 (Oak) Stain, or A-4446 (Walnut) Stain
Panel Format	Stock panels are only available at 1200mm x 600mm and in 7-501 format
7-501	20mm W x 45mm D @ 40mm Gap

TEST	PERFORMANCE	DESCRIPTION	DETAIL
PEFC	N/A	N/A	N/A
TVOC	None	N/A	
Durability	>30 Years	Expected Product Life Span	
Guarantee	2 Years	Panel Quality Guarantee	

FIRE	PERFORMANCE	DESCRIPTION	DETAIL
Reaction to Fire	B-s2,d0	EuroClass	EN 13501-1
Surface Spread of Flames	B	Fs < 150mm within 60s	EN ISO 11925-2
Smoke Production	s2	Minimal Smoke Production	EN 13823
Flaming Droplets	d0	No Flaming Droplets	EN ISO 11925-2

ACOUSTICS	BLADE WIDTH	BLADE DEPTH	GAP (% OPEN AREA)	αW & CLASS
7-501A with Nofisol Seal	20mm	45mm	30mm (60%)	0.90-A
7-501A with LSA Black	20mm	45mm	30mm (60%)	0.95-A

The acoustic report for 7-501 panels is not currently available but due to the similarities in format the results for 7-501A can be reliably used. Full acoustic report available on request



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