



# Qualirack TG








## High-quality reinforcement panel for dry lining construction

Reinforce dry walls swiftly and safely, with our high-performance reinforcement board. The dense wooden chips in the core create a robust, impact-resistant reinforcement with high screw withdrawal strength. The fine top layer ensures a smooth surface finishing without splinters. The accurately milled profile ensures quick, easy installation and a smooth connection at the seam. Qualirack TG (P4) is suitable for use, in dry environments (service class 1).

### Applications

- Reinforcement panel
- Separating walls
- Wall linings
- Structural floor plate
- Dry conditions, climate class 1

### Features

-  Robust and increased impact-resistant
-  Fast and easy installation
-  Smooth surface without splinters
-  Screw-tight
-  100% recovered wood
-  Increased airtightness
-  Dry conditions (service class 1)



# Qualirack TG

## Applications

Qualirack TG is a structural building board, applicable as reinforcement in partition walls and pre-walls or as structural floorboard. The panel increases the wall stability, load-bearing capacity and acoustic comfort of the walls or can be used as a structural component in floors. Qualirack TG is in chipboard class P4 and is suitable for use in dry conditions, service class 1, where the relative humidity is limited to between 30 and 65%, and in biological risk class 1 in accordance with EN 335-3. Please consult our installation manual on the website for further information on use and installation.

## Technical specifications

General properties	Standard	Unit	Average values	
Thickness EN 324-1	EN 324-1	mm	12	18
Moisture content	EN 322	%	6-10	6-10
Technical properties	Standard	Unit	5/95 percentile values	
Bending strength	EN 312-table 6	N/mm <sup>2</sup>	16	15
Modulus of elasticity	EN 312-table 6	N/mm <sup>2</sup>	2300	2300
Tensile strength	EN 312-table 6	N/mm <sup>2</sup>	0,40	0,35
Thickness swelling, 24 h.	EN 312-table 6	%	16	15
Formaldehyde class	EN 13986-table B1	Class	E1	E1
Fire reaction class	EN 13501-1	Class	D-s2, d0	D-s2, d0

## 100% recovered wood

Qualirack TG is made from 100% recovered wood. We use more than 90% post-consumer wood for production. This wood has already had a product life, and may have come from the construction and demolition sector, businesses or domestic households.

The other 10% is pre-consumer wood. This is wood and waste wood that has not yet had a product life. It is a by-product of activities such as sustainable forestry and verge maintenance, or from sawmills and the wood processing industry.

In addition, we also operate two energy plants where non-recoverable wood is converted into green heat and electricity, and wood dust that is produced by our production processes is reused as a renewable fuel for the dryers.

## Available dimensions and thicknesses

Qualirack TG is available as an ergonomic 2440mmx610mm panel, which makes it easy to handle, and is stocked in a range of different thicknesses, finished with a tongue and groove profile on 4 sides.

For technical options concerning other thicknesses and dimensions as well as minimum order quantities, please get in touch with our sales team or send an e-mail to [info.panels@unilin.com](mailto:info.panels@unilin.com).