

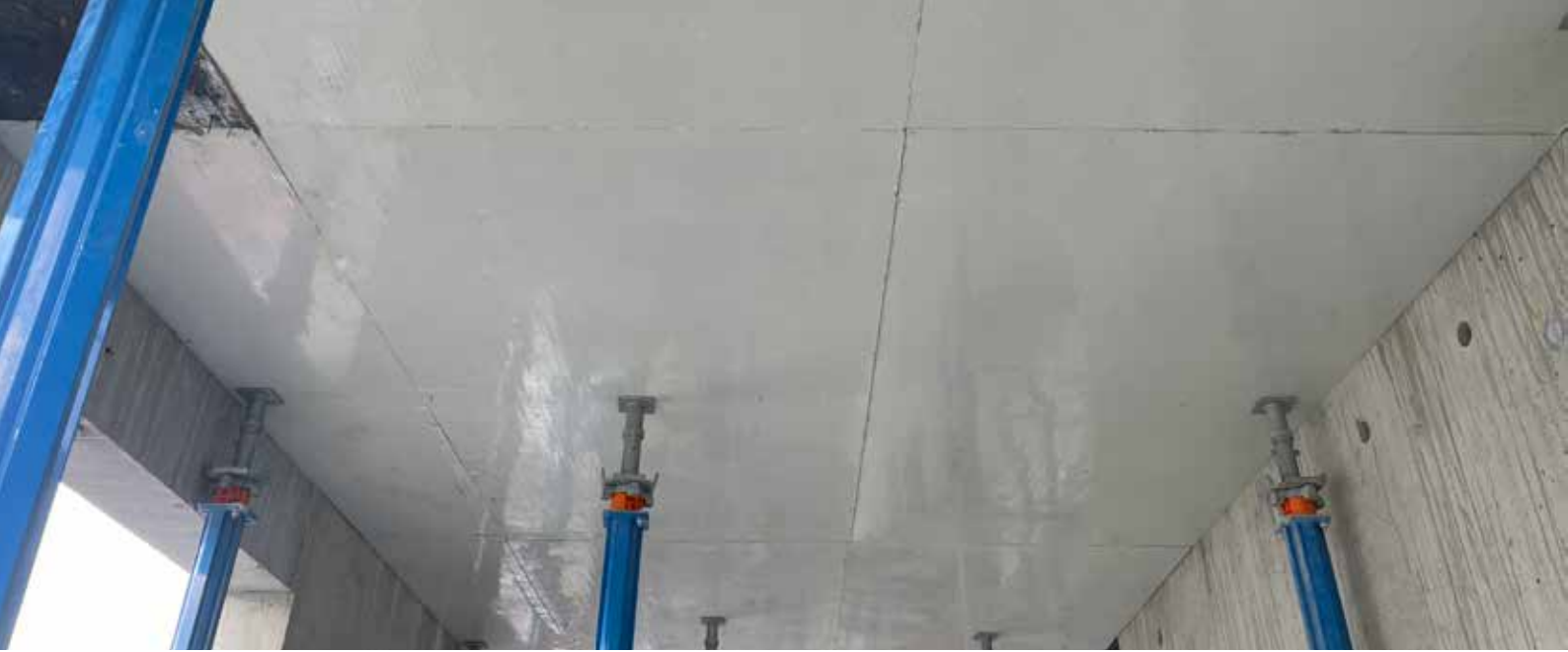


Rely on it.

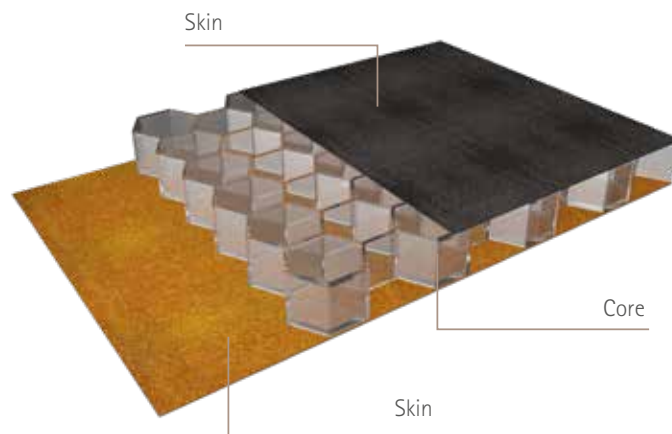
RENOLIT PLYGOR



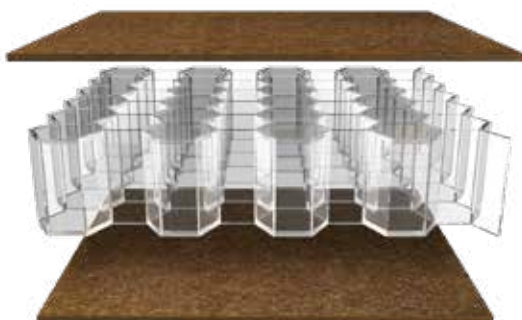
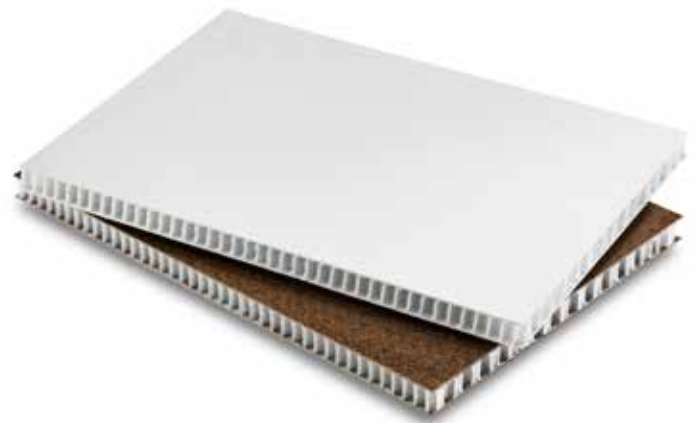
The new generation of plywood for the slab formwork sector



THE LATEST LIGHTWEIGHT INNOVATION IN THE FORMWORK INDUSTRY



RENOLIT PLYGOR is a honeycomb sandwich panel combining a hexagonal core structure with composite skins, extruded out of polypropylene (PP) combined with fibers, additives and regrind material.



- > **Ergonomic:** panel weight <15 Kg
- > **Practical:** no need for striking oils
- > **Performing:** clean concrete finishing even after several reuses
- > **Efficient:** reusable up to 50 times
- > **Resistant:** weather-, humidity- and mold- proof
- > **Sustainable:** 100% recyclable at the end of the project



ADVANTAGES

- > Weight of standard dimensions panels is compliant with the weight limits as per UNI ISO 11228 and NF X35-109, reducing MSDs (Musculoskeletal disorders) risks.
- > The application is very easy: panels don't need striking oil and can be cleaned with water after striking.
- > On jobsites panels provide a smooth and high-quality concrete finishing even after many re-uses, up to 50, depending upon site practices, requirements on the concrete finish, maintenance, handling and storage practices.
- > Panels are fully waterproof, naturally moisture & mold-resistant.



RENOLIT PLYGOR is the eco-sustainable alternative to standard plywood in the formwork sector. Scrap material can be granulated and re-introduced into the extrusion process, making our panel 100% fully recyclable.

TECHNICAL FEATURES

Type WS:

Core: PP

Skins: PP + wood fibers

Type M:

Core: PP

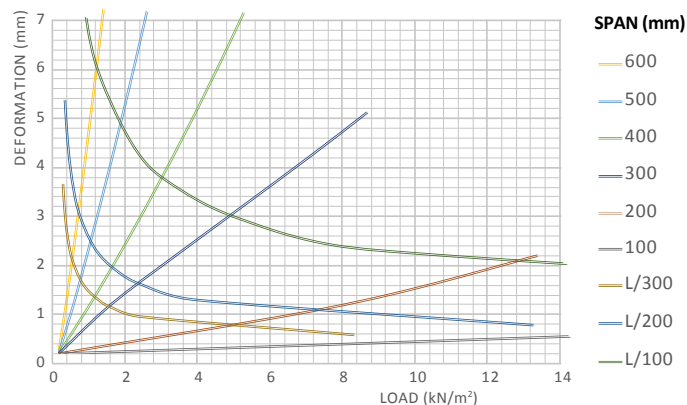
Skins: PP + 2D symmetric mineral fibers

CHARACTERISTICS	UNIT	VALUE			
		TYPE WS	TYPE M		
DIMENSIONS					
Thickness	I-Q 10 A 15	mm	15*		
Width	I.M. MA/025 00	mm	1.500 (max.)		
Length	I.M. MA/026 00	mm	6.000 (max.)		
Weight	STD 1076	gr/m ²	± 3.800 ± 4.100		
COLOR					
Skin Color		Brown	Warm White		
<i>Other colors available upon request</i>					
MECHANICAL PROPERTIES**					
Flexural Strength	I.M. N° 546859	N/mm ²	L	>5	>6
			T	>3,5	>5
Elastic Flexural Modulus	I.M. N° 546859	MPa	L	>500	>700
			T	>400	>600
Compressive Strength	ASTM C/365-0	kPa	L	>500	>600
Charpy Impact Strength	I.M. N° 546860	kJ/m ²	L	>10	NO BREAK
			T	>14	NO BREAK

* Thickness of 9 mm, 12 mm, 18 mm, 21 mm available upon request

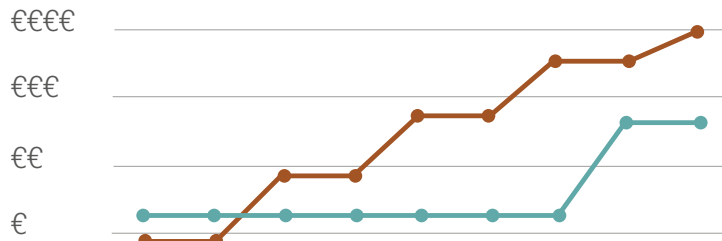
** Tested on a 2500 x 1250 mm panel 48h after production with room temperature (5°C ≤ 25°C)

DEFLECTION DIAGRAM



RENOLIT PLYGOR vs. PLYWOOD

Life Cost Efficiency



Labour Power

Weight

Eco - Sustainable

Durability



RENOLIT PLYGOR



PLYWOOD



Your contact:

Alfredo Sellitti

Sales & Marketing Manager

Mobile: +39.3450598339

Email: Alfredo.Sellitti@renolit.com

RENOLIT GOR S.p.A.

Via Pinerolo 7 - 10060 Buriasco | Italy - www.renolit.com/composites



Rely on it.