



Outstanding
material with
limitless
capability.

THE ULTIMATE AESTHETIC
EXPERIENCE



ReHolz More Than Wood

We provide innovative material for design and building solutions.

PT. Estu Estika Gracia (ReHolz) has the vision to introduce a material that can help architects and designers to create limitless design possibilities.

ReHolz strive to create collaboration with our clients by bringing outstanding material experience and excellent service.

Awards



Certification

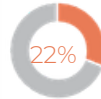


INTRODUCING RESYSTA

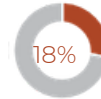
Using materials sourced from nature,
ReHolz made of Resysta is highly sustainable.



Rice
Husk



Common
Salt



Mineral
Oil

"This is a part of our
ongoing commitment
to maintain and
support nature
preservation."



Recycling Upcycling

By producing these sustainable
materials, we hope to be able to
participate in protecting our Earth's
natural habitat and its sustainability
for the next generation.

ReHolz prioritizes creative inventions, functions and environmental stability.

Technology has enabled us to create a material much more flexible and durable than wood, environmentally friendly and sustainable. Through our consistency in quality and innovation, we hope to create an impact and to help realize the greatest design creation.

Design Solution

Natural Looks		High in Durability			Green & Sustainable	
						
Colour	Texture	Termite Resistant	Seawater Resistant	Frost Proof	Recyclable Material	100% No Wood
Customizable						
Colour	Texture	Fire Resistant	Weather Resistant	Anti Fungal Damage	Low Maintenance	Barefoot Friendly
		 Very low degradable colour (6-7 years)				
Shape						



01

Create Your Shape



Twisted



Bended

03

Color Creation



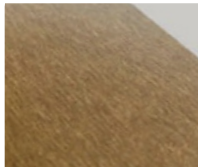
Basic Color



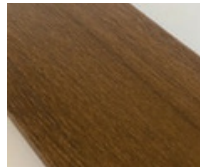
Premium / Custom
Color

02

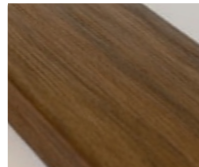
Surface Finishes



Standard Surface



Standard Surface
with color



Deep Grains Surface

04

Diverse Application



Surface



Decorative



Structural Covering



Function



CLADDING SYSTEM

CPS 140S



Size (mm)
140 x 15 x 2900

CPS 95



Size (mm)
95 x 15 x 2900

CPSS 25



DECKING SYSTEM

DKG 14025



Size (mm)
140 x 25 x 2900

RUH 3825



Size (mm)
38 x 25 x 2900

CLIP T4



ReHolz More Than Wood

UNIVERSAL PROFILE SYSTEM

RR 50  Size (mm) ø 50/40 x 2900	FPH 14025  Size (mm) 140 x 25 x 2900	FPH 14038  Size (mm) 140 x 38 x 2900	FPH 5020  Size (mm) 50 x 20 x 2900
FPH 5050  Size (mm) 50 x 50 x 2900	FPS 5528  Size (mm) 55 x 28 x 2900	FPH 7038/3.5  Size (mm) 70 x 38 x 2900	FPS 7020  Size (mm) 70 x 20 x 2900
FPH 10050  Size (mm) 100 x 50 x 2900	FPH 20020  Size (mm) 200 x 20 x 2900	ARO 180  Size (mm) 180 x 44 x 2900	FPH 7020/3.5  Size (mm) 70 x 20 x 2900





ReHolz More Than Wood



UNIVERSAL PERFORMANCE BOARD

Water-resistant + Product USP

Reholz UPB sheet can be processed with conventional woodworking machines. Easy milling, sawing, screwing, and nailing

Dimension available:

Thickness (mm)	Width x Length (mm)
8	1220 x 2440
12	1220 x 2440
16	1220 x 2440
20	1220 x 2440

Water-resistant panel
with the natural look and
feel of wood

Applications

**Flooring • Panel System • Wall
Cladding and more possibilities**



UPB 12 mm

Tongue & Groove



UPB 8 mm

Half - Lap



One board with infinite use,
it is applicable in any design
environment and providing
possibilities for different
color concept.

REHOLZ MATERIAL

LOW-RISE APPLICATION

1. Ceiling - Interior Cornice
2. Wall Cladding
3. Ceiling
4. Custom Panel for Facade
5. Decorative Wall Panel
6. Decking
7. Column Wrap

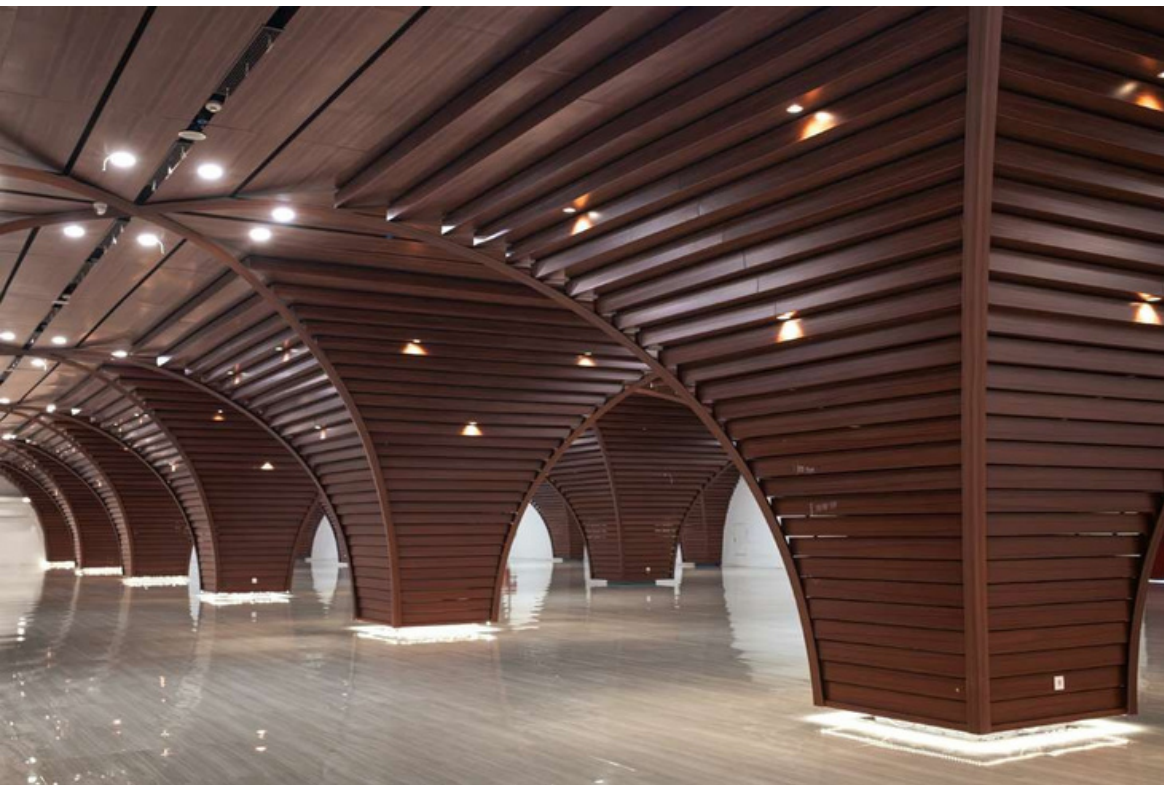


TECHNICAL SPECIFICATION

Density	ASTM D2395:2002	Approx. 1.46 kg/m ³
Coefficient of Liner	ASTM D696	3.6x10(-5)mC
Thermal Expansion		
Water Absorption Air Humidity Behaviour	ASTM D1037:2006a	none or very low water absorption (only surface wetting)
Weathering and EV Resistance	QUV Test	Resysta surface treated with glaze show extremely high resistance
Skid Resistance	DIN 51097	C Rating (Highest Rating)
Fire Behaviour (German Standard)	EN ISO 11925-2	B2 normal inflammable (with additives B1 can be achieved)
Fire Behaviour (US Standard)	NFPA	A rating (flame propagation 25, smoke emission 450)
Fire Behaviour (British Standard)	BS 476 Part 6&7	Rating 1
Durability (Resistance to wood Destructive Fungi)	DINV ENV 12038:2002	The material has not been affected, highest durability-Class 1
Emission	DIN EN ISO 9001/14001	Passed
Brinell Hardness (HB)	EN 1534	81,1 N/mm2
Friction Coefficient μ untreated	EN 13893	0,46
Friction Coefficient μ with 2K varnish	EN 13894	0,52
Screw withdrawal Resistance	EN 320:2011-07	5777 N
Heat Conductivity (λ)	EN 12664	0.199 W/(mK)
Water Vapour Permeability	DIN EN ISO 12572	$\mu=1300 \rightarrow$ sd 7.22m diffusing inhibiting
Bending Strength	ISO 178	46 N/mm2
Bending Modulus	ISO 178	3850 N/mm2
Tensile Strength	ISO 527	218 N/mm2
Tensile Modulus	ISO 527	2340 N/mm2
Shearing Strength	EN 392	16.8 N/mm2
Resistance to Mould Fungal Decay	CENT/TS 15083-2	The material features almost no mass loss, highest durability classification 1 (very durable)
Resistance to Termites	ASTM D3345-08	Resistant to terminate infestation (copotermes curvignathus), very little loss of mass - very high durability
Electric surface resistance and volume resistivity	Specific surface resistance and volume resistivity	Surface resistance $R_x=8.0*10(13) \Omega$ Specific surface resistance $A=8.1*10(14) \Omega$ Volume resistance $R_x=2.2*10(13) \Omega$ Specific volume resistivity $A=6.3*10(14) \Omega$

Globally renowned institutions carry out test according to German, British, European and US standards.





Al Jabbar Grand Mosque
Bandung, 2021

Universal Performance Board
Custom Panel
Size (mm) 8 x 1220 x 2440



E House
Tulungagung

Universal Performance Board
for Ceiling and Cladding System
UPB 8mm

Decking System
DKG 14025



PT. Estu Estika Gracia

Ruko Gading Bukit Indah Blok D 15
Kelapa Gading, Jakarta utara
14240 - Indonesia
+62 812 - 1996 - 3286

✉ mail@reholz-estuestikagracia.com
🌐 www.reholz-estuestikagracia.com
📷 [reholz_estuestikagracia](https://www.instagram.com/reholz_estuestikagracia)