



Gaea Deck





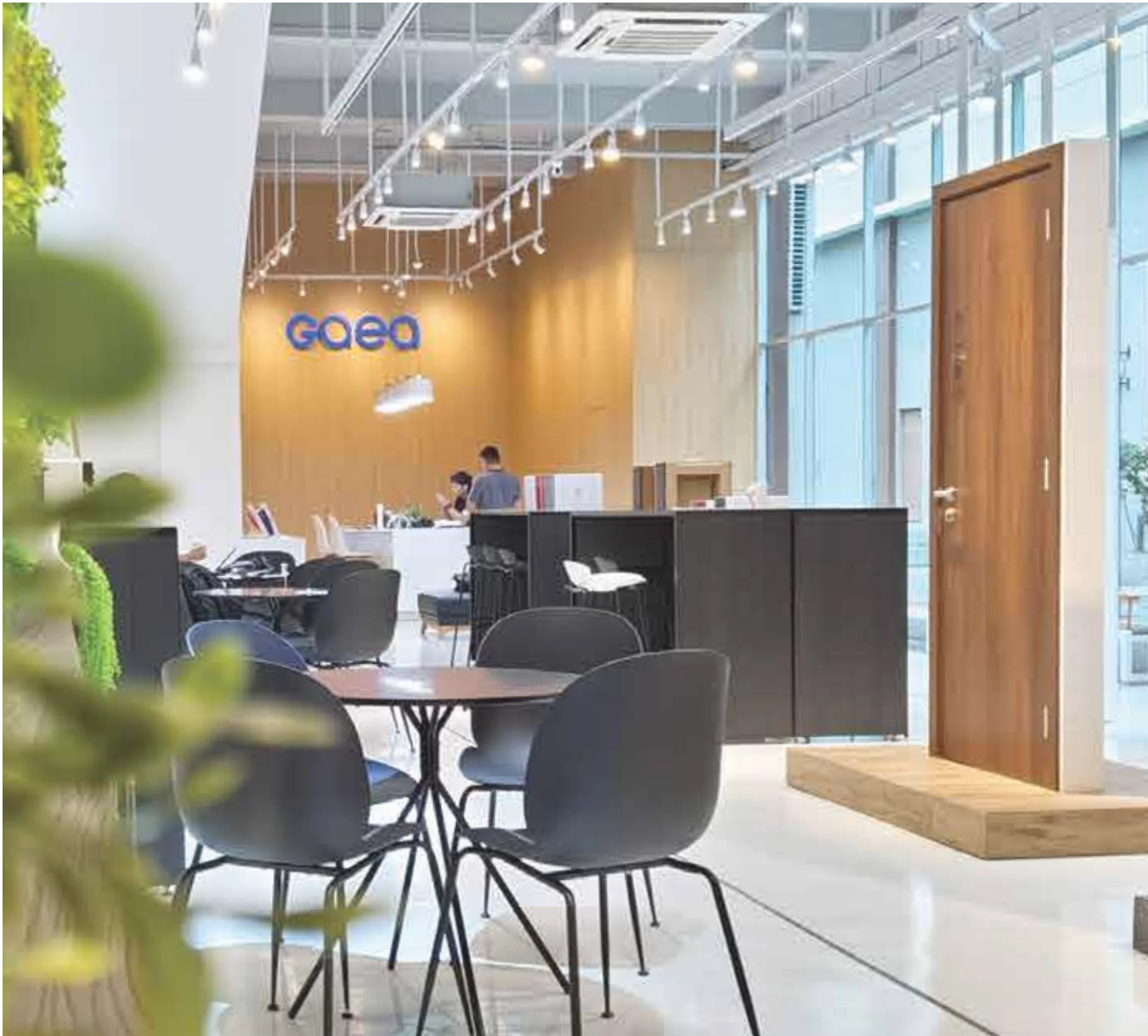
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01

Gaea





**The brand label for high quality  
premium wood composite.**

02

Gaea



# Premium Wood Polymer Composite

**Wood-polymer composites ( WPCs )**  
are composite materials made of  
**wood fiber / wood flour** and **thermoplastic**.

03

**WPC** is widely used in many applications  
such as door, window, railings, fences, furniture etc.

Premium Wood Polymer Composite



**100%**  
recyclable material



# Wood Polymer Composite Production Process









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# Gaea Däck

Create Beautiful  
Outdoor Environments  
That Last For  
Years To Come.



07

Features



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# FEATURES



**Borer &  
termite proof**



**100%  
waterproof**



**Extremely  
durable**



**Anti-slip**



**Low  
Maintenance**



**100%  
Recyclable**



09

Features



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# FEATURES



Realistic  
**wood embossing**



Does not **crack**  
and **splinter-free**



High **stain-resistance**  
technology



Withstands  
**harsh weather conditions**



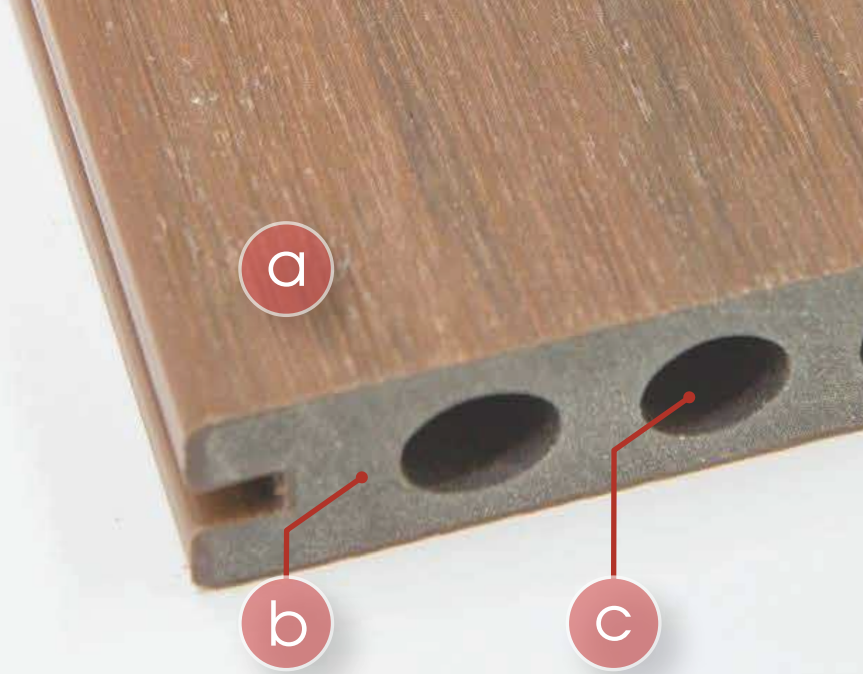
Can manage  
**high human traffic**

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# The 3<sup>rd</sup> Generation of Wood Composite Decking - Gaea Däck



# STRUCTURE



## a Polymer guard wear layer

- Provides real wood grain surface
- Withstands high traffic without exhibiting signs of wear and tear
- Encases all four sides to give absolute protection from weathering

## b Core

- The core uses coarse wood fibers for greater strength and durability.

## c Circular hollow core

- Reduce the products' weight but keep the strength and durability as solid core
- Distribute Impact or shock waves evenly through round core and deal with harshest weather conditions
- Recommended for public usage with high footfall

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# PRODUCTS

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13

Products





# COLOUR OPTIONS

layer A  
**Nautical Teak**

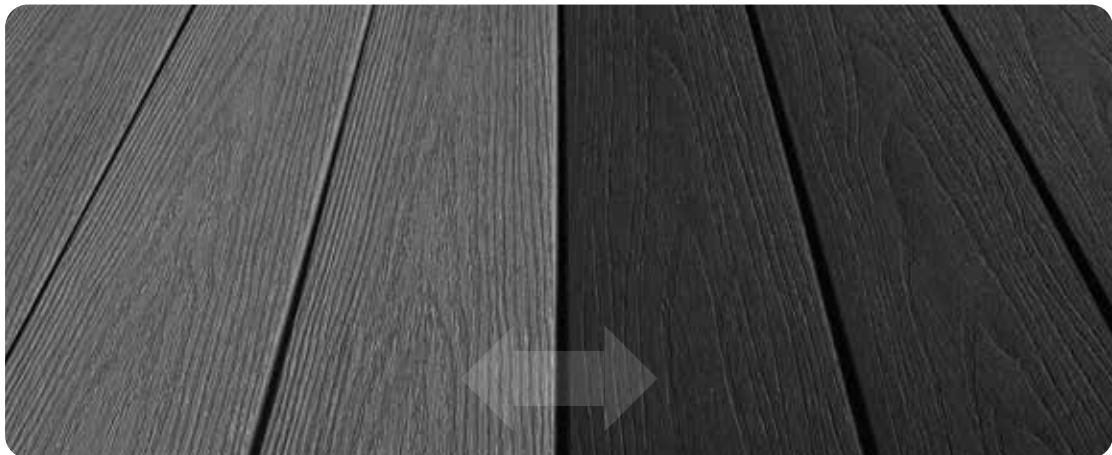
layer B  
**Walnut Grove**



GDK/DE-C1L2-138235133WDBWDB

layer A  
**Ash Grey**

layer B  
**Coal Black**



GDK/DE-C1L2-138236271WDBWDB

<b>Decking Dimension</b>	- 2800 mm L x 138 mm W x 23 mm H
<b>Surface Treatment</b>	- Polymer bonded coating
<b>Core Material</b>	- Premium Wood Composite

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# PRODUCTS

ACCESSORIES

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Products





### Clip Set

- SUS 304 ( Stainless Steel Clip )

GDK/DA-CLIP



### Started Clip

- SUS 304 ( Stainless Steel Clip )

GDK/DA-CLIP-30X25



### Deck Joist

- Premium Wood Composite

GDK/DJ-CILI-05030300000000



### Deck L-edge

- Premium Wood Composite

GDK/DT-CILI-07210330000000



### Deck Beam

- Premium Wood Composite

GDK/DT-C1L1-04040330000000

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# Where can you install **Gaea Däck**?

17

Where Can Gaea Däck Be Installed



| Decking



| Boardwalks



| Viewing platforms



| Swimming pool side



| Bridges



| Outdoor furniture



| Posts & rails



| Signage



| Customized projects



# Gaea Däck Testing Fact Sheet

	Test Items	Test Method	Test Result
1.	Falling mass impact resistance	EN 15534-1:2014 Section 7.1.2.1 EN 15534-4:2014 Section 4.5.1	Pass
2.	Flexural properties	EN 15534-1:2014 Annex A EN 15534-4:2014 Section 4.5.2	Pass
3.	Resistance to indentation	EN 15534-1:2014 Section 7.5 EN 15534-4:2014 Section 4.5.7	64 MPa 62%
4.	Density	EN 15534-1:2014 + A1:2017 Section 6.2 ISO 1183-1:2004 Method A	1.211 g/cm <sup>3</sup>
5.	Moisture content	EN 15534-1:2014 + A1:2017 Section 6.3 EN 322:1993	0.7% - Pass

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Assurances





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