

### **About Us**

The composite deck, which we obtain by recycling wood, which has been widely used in people's buildings since prehistoric times, and plastic, which takes centuries to dissolve in nature, forms the basis of the Deck-er brand.

Today, Decker is actively exporting to 25 countries thanks to its product quality and portfolio. In addition to the 18.000 square meter factory in Turkey, we also produce in our facility in Algeria, and thus, we have a say in the local and international markets. We work with great devotion at every stage of the production and marketing process and we are expanding our product range day by day.

With the DECKER brand, we produce decks, pergolas, prefabricated house profiles, fences and many other composite building materials that you can use outdoors such as parks, gardens, terraces, poolsides, consisting of composite flooring materials of wood and plastic. Answering the needs of many domestic and foreign companies in the sector, DECKER supplies all the products it manufactures to the world markets.



### **What is Wood Composite?**

Wood composite; it is an innovative product obtained by combining wood fibers and wood powder and polymer material with superior technology to bring high durability. While making you feel the warmth and natural appearance of wood, it offers the superior properties and advantages of plastic together.

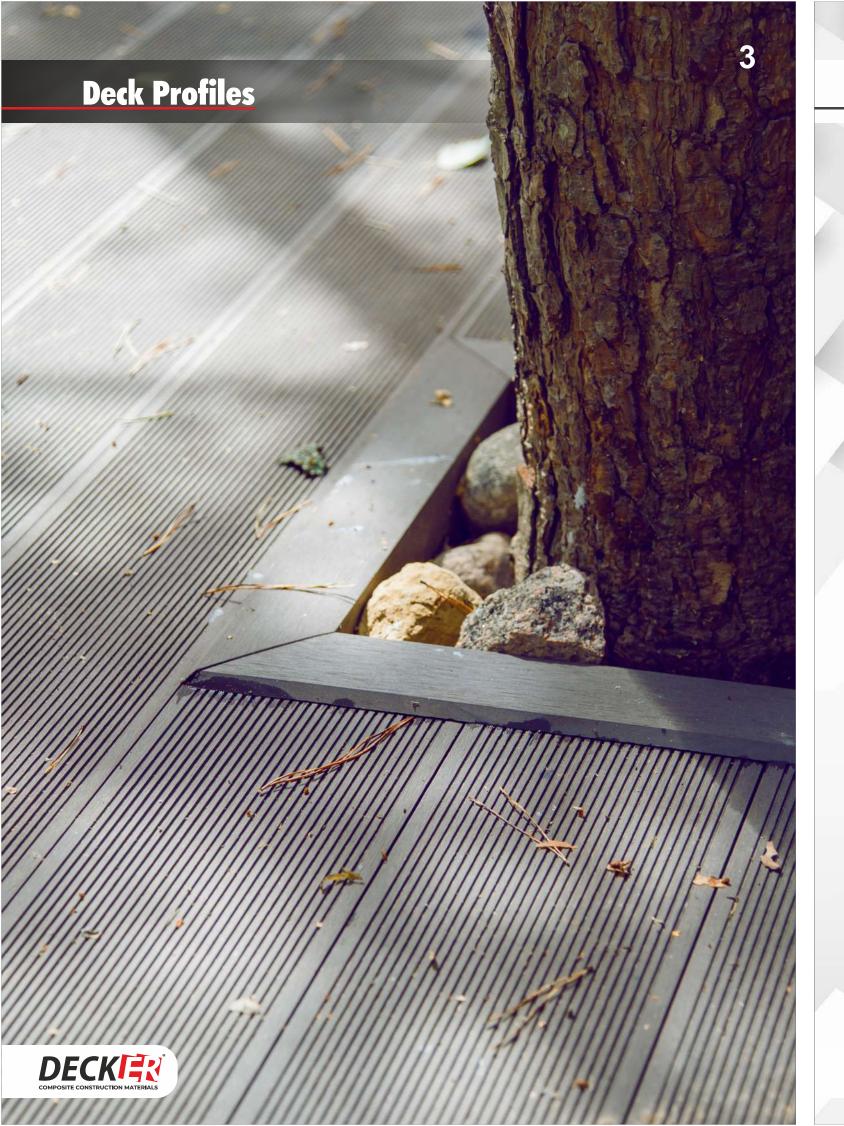
It is environmentally friendly, does not contain harmful chemicals and is a recyclable material. With its ease of application, durability and stylish appearance, it is a product that is frequently preferred and is becoming increasingly common.

### **Composite Deck Features**

- Environmentally friendly
- Longer lasting than wood
- Resistant to different climatic conditions
- Resistant to water and humidity
- · Non-flammable and non-oxidizing
- It is anti-bacterial, does not mold and insect
- Does not slip and does not splinter
- Its application is practical and easy
- Paint and maintenance free







### **Deck Profiles**

Decker, WPC (wood composite) flooring is made of composites whose hardness is several times higher than natural materials. While depicting the structure of wood faithfully, it has a much higher resistance to abrasion than it.

Decker floor products have an anti-slip surface and are not affected by water. It can be easily applied in gardens, poolsides, beaches, cafes and restaurants, walking paths, urban furniture, bridges and many ground applications.

Decker, which can be used in indoor and outdoor flooring, is natural and aesthetic. It can be used for many years without maintenance. It is suitable for all climates and is not affected by different weather conditions. Resistant to rot and insect attacks. It can be applied in desired designs and is easy to assemble.



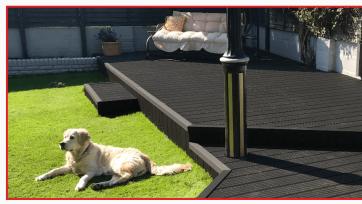


## **Deck Profiles**









## **Products and Accessories**





### L Deck

Width: 140 mm Thickness: 60 mm Length: 3000 mm



Width: 140 mm Thickness: 26 mm Length: 3000 mm



Width : 145 mm Thickness : 22 mm Length : 3000 mm



**Support Profile** 

Width: 45 mm Thickness: 30 mm Length: 3000 mm



Width: 35 mm Thickness: 80 mm Length: 3000 mm



**Start and Finish Clips** 



**Deck Apparatus** 





### **Colors**

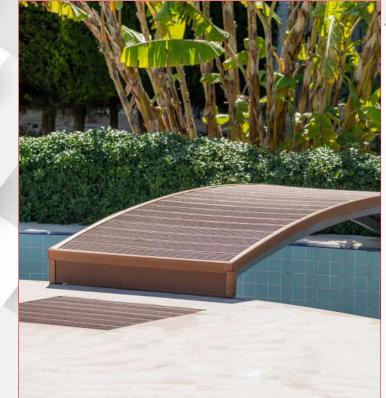








# **Deck Profiles**

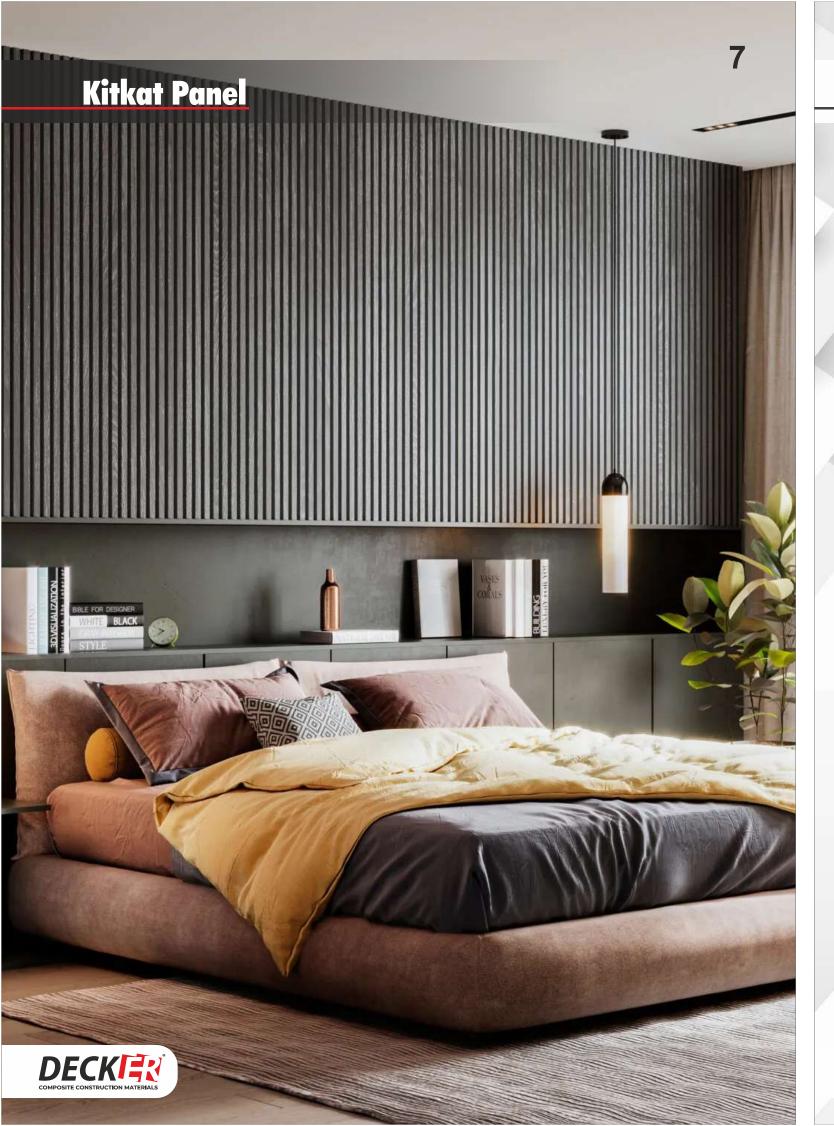












### **Kitkat Panel**

Kitkat panels are a type of building cladding that features a series of raised, parallel ridges or grooves on the surface. These panels are made from composite materials, and are used as a decorative and functional element on the interiour exterior of a building.

One of the main benefits of Kitkat panels is their aesthetic appeal. The fluted pattern adds visual interest and texture to the surface of a building, creating a unique and eye-catching look. Kitkat panels are available in a variety of materials and finishes, allowing designers to choose the best option to suit the style and design of a building.





# **Kitkat Panel (Exterior)**



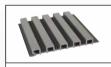




**Kitkat Panel (Interior)** 



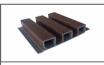
### **Products and Accessories**



Width: 220 mm Thickness: 24 mm Length: 3000 mm



Width: 220 mm Thickness: 24 mm Length: 3000 mm



Width: 169 mm Thickness: 26,5 mm Length: 3000 mm

### **Interior Colors**



Dark Walnut



Maple

0005 White



White Teak









Mauron

DECKIER









### **Products and Accessories**







Width: 220 mm Thickness: 24 mm Length: 3000 mm

### **Exterior Colors**



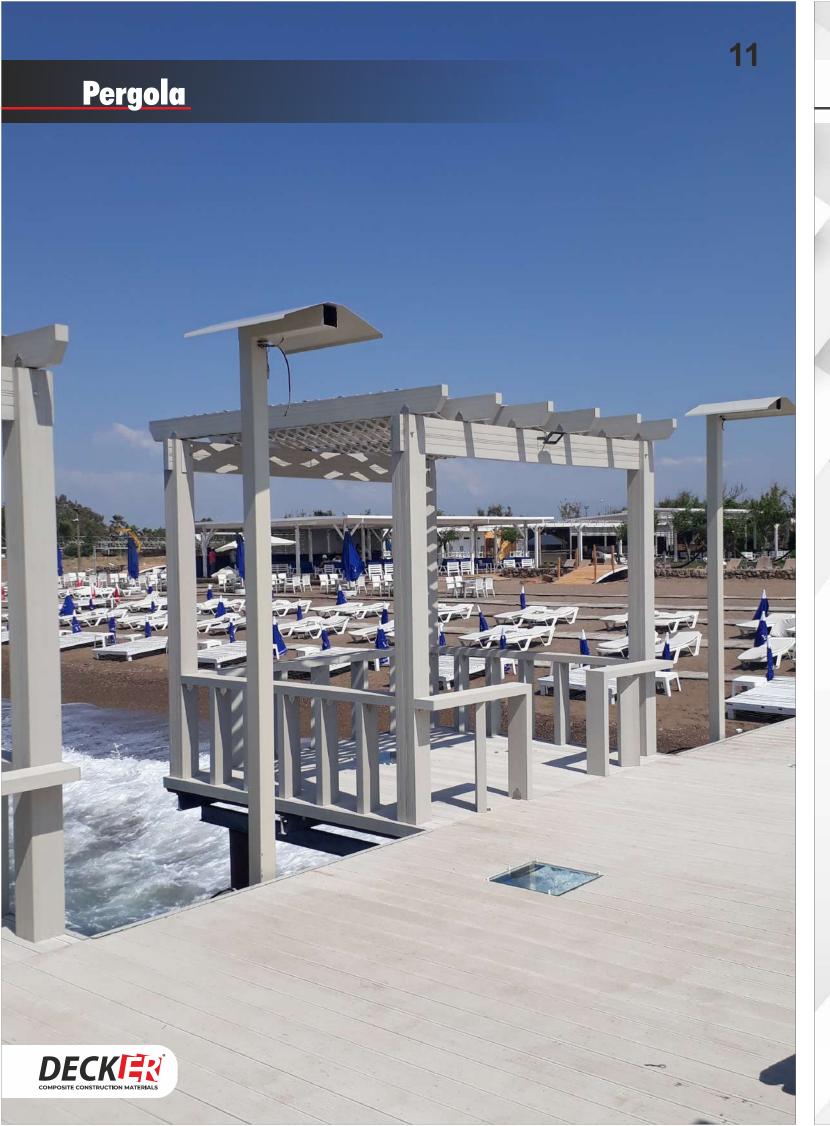




### **UV Resistant Outdoor Foil Kitkat**







### Pergola

Decker pergola products make your spaces look sophisticated and modern. Using open spaces by protecting you from rain and sun while expanding your usage area offers the opportunity.

Decker pergola products are produced in 4 colors as anthracite, gray, hazelnut brown and cream with their simple and modern design.

Both to the environment and to people no harmful substances are used. Decker quality policy is to produce a product that complies with test norms for both domestic and industrial use.

Decker is natural and aesthetic. Decker products, which are made of WPC wood composite material, are suitable for all climates and different weather conditions without requiring additional maintenance every year. It is an innovative building material that is unaffected. Resistant to rot and insect attacks. It can be applied in desired designs and is easy to assemble.







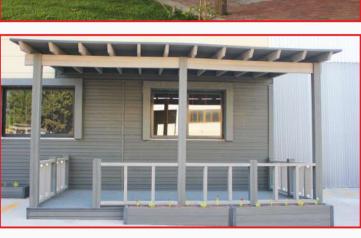


**Pergola** 









### **Products and Accessories**



Post

Width: 150 mm Thickness: 150 mm Length: 3000 mm

Flexible Canopy Sheet

Width: 200 mm Thickness: 1,5 mm Length: 3000 mm



Post

Width: 100 mm Thickness: 100 mm Length: 3000 mm

**Post Cover** 



Width :150 mm Thickness:60 mm Length :3000 mm

Rafter Cover



Width: 220 mm Thickness: 60 mm Length: 3000 mm



**U** Profile

Width : 99 mm Thickness : 42 mm Length : 3000 mm



Width: 244 mm Thickness: 32 mm Length: 3000 mm



Pole Foot Plate



**Beam Support Profile** 





**Nut Coffee** 





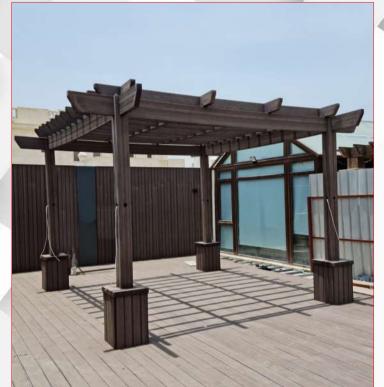
**Beam Cover** 





Z Clips



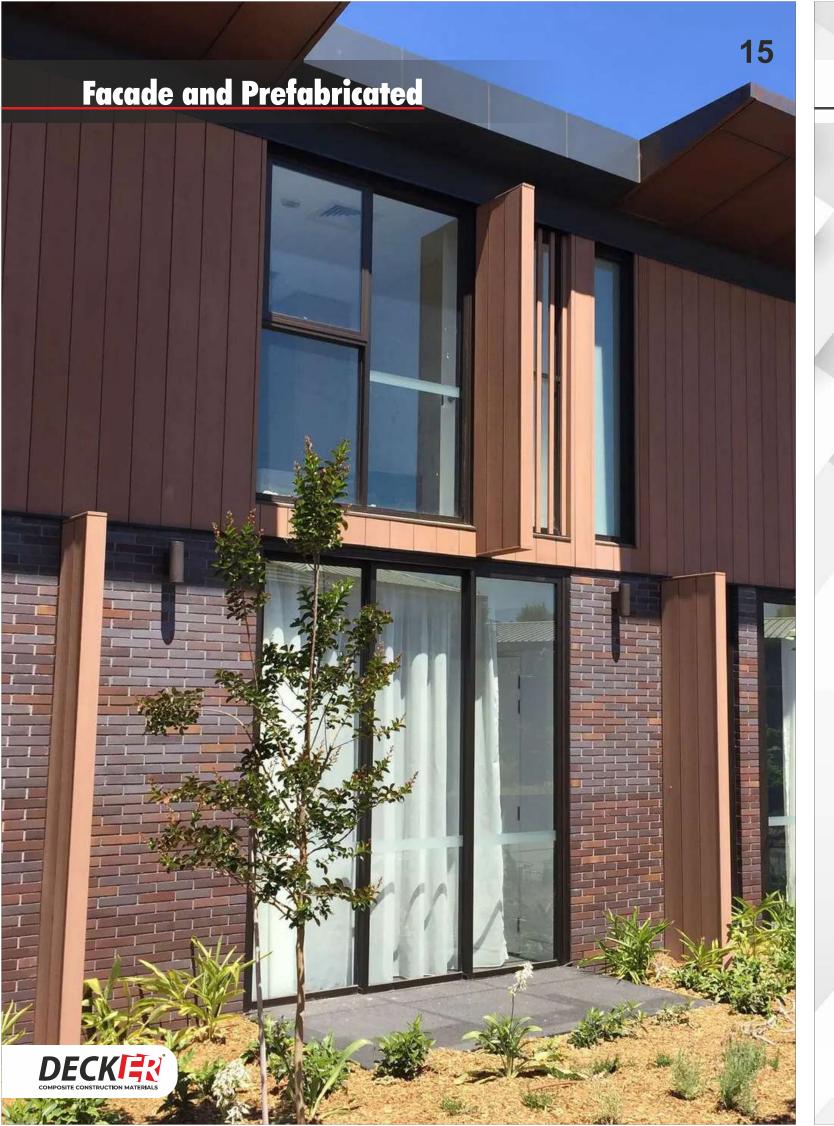












### **Facade and Prefabricated**

With Decker wood composite (WPC) products, you can design a modern prefabricated house, cottage, exterior cladding, as well as a chalet, shack, or mobo cabin with exterior and wall panels. You can turn your dream building into reality with an innovative and modern design with Decker products made of environmentally friendly, recycled materials.

Decker facade profiles can be easily applied to private and public buildings, beaches, urban areas and mountainous areas with its durable structure against external factors. The matte finish and fine texture of Decker facade profiles provide the natural look of wood. It saves you money as it does not require coating and additional protection.





## **Facade and Prefabricated**









## **Products and Accessories**



Width :150 mm Thickness:150 mm Length :3000 mm



**Wall Profile** 

Width: 250 mm Thickness: 58 mm Length: 3000 mm

Width: 250 mm Thickness: 58 mm Length: 3000 mm



### **U Profile**

Width:99 mm Thickness:42 mm Length:3000 mm



### Cladding

Width: 244 mm Thickness: 32 mm Length: 3000 mm



Width: 244 mm Thickness: 32 mm Length: 3000 mm

### Colors



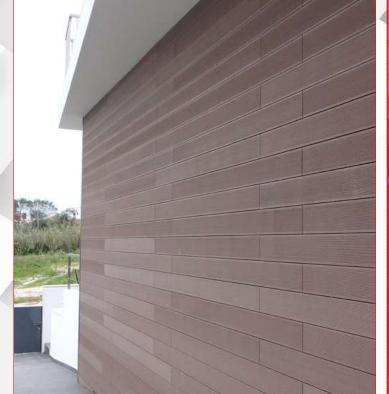




Grey

# DECKER

# **Facade and Prefabricated**













## **Railing and Fence**

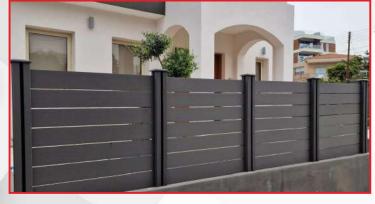
Decker wood composite (WPC) products enable you to surround areas such as land, house, workplace, shopping center, residential site and create a safe area with railing and fence products. The desired model can be designed in profiles and forms. If you want, it can be produced as railing, fence and panel wall. It is offered in four colors: anthracite, gray, hazelnut brown and cream.

Decker respects the environment as it is made from recycled materials. Decker composite products are long-lasting with their structure compatible with different climatic conditions. Resistant to rot and insect attacks. It can be applied in desired designs and is easy to install. It maintains its properties in the temperature range from -30°C to +85°C.





## **Railing and Fence**









## **Products and Accessories**



### Post

Width: 150 mm
Thickness: 150 mm



Width: 100 mm Thickness: 100 mm Length: 3000 mm



### U Profile

Width :99 mm Thickness:42 mm Length :3000 mn



### Rafter

Width :150 mm Thickness:60 mm Length :3000 mm



### WPC Fen

Width : 160 mm Thickness : 18 mm Length : 3000 mm

## **Colors**



**Anthracite** 



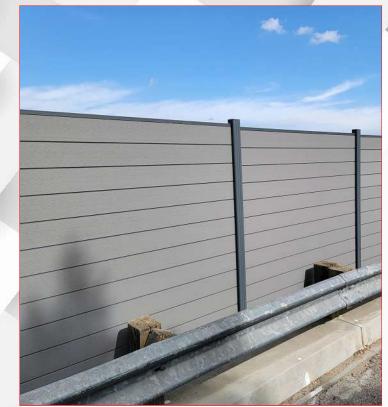
Nut Coffee



Grey



## **Railing and Fence**





















# **Production Facilities**









# **Product List**

_						
			20	Brown		
	Deck D100	- Comment	30	Grey	145x22x3000 mm	145
			40	Anthracite		
			20	Brown	1.40-27-2000	
	Deck D150		30	Grey	140x26x3000 mm	140
			40	Anthracite		-1
8			20	Brown		
	Deck D200		30	Grey	140x26x3000 mm	140
4			40	Anthracite		'
			20	Brown		
	L Deck D400		30	Grey	140x60x3000 mm	
			40	Anthracite		140
	Support Profile DP110		Ar	nthracite	45x30x3000 mm	45
			20	Brown		150
	Post PD160		30	Grey	150x150x3000 mm	180
			40	Anthracite		\
			20	Brown	100 100 0000	100
	Post PD170		30	Grey	100x100x3000 mm	8
			40	Anthracite		
			20	Brown	150v40v2000	150
	Rafter PM180		30	Grey	150x60x3000 mm	9
			40	Anthracite		

# **Product List**

			20	Brown		220
	Beam PK170	A E	30	Grey	220x60x3000 mm	8
4			40	Anthracite		
			20	Brown		
	Wall Profile PDB140		30	Grey	250x58x3000 mm	8
A			40	Anthracite		μ
\	Flexible		20	Brown	200v4 Ev2000	
	Canopy Sheet PK180		30	Grey	200x1,5x2000 mm	
A	1 1 1 1 1		40	Anthracite		
		Di	20	Brown		244
	Cladding PL190		30	Grey	244x32x3000 mm	
			40	Anthracite		
			20	Brown		
	WPC Kitkat Wall Panel		30	Grey	220x24x3000 mm	
	(Interior & exterior)	- Inches	40	Anthracite		3 3 3 3 3 3 3 3 3 3 3
	PVC Foiled Kitkat Wall Panel (Interior)		Wh An	k Walnut Marple White Teak iite Teak trachite Coco Mauron	220x24x3000 mm	
	PVC Foiled Kitkat Wall Panel (Interior)		Wh An	k Walnut Marple White Teak iite Teak trachite Coco Mauron	169x26,5x3000 mm	130
	WPC - RAW		20	Brown		
.01	(one side brushed)		30	Grey	160x18x3000 mm	
	Fence Profile		40	Anthracite		





# **Product List**

Wall Profile	TELEF	20	Brown		
(Polyurethane)		30	Grey	250x58x3000 mm	8
PDB150		40	Anthracite		200
		20	Brown		150
Post PD170		30	Grey	150x150x3000 mm	150
		40	Anthracite		
Clauddina		20	Brown		
Cladding (Polyurethane) Pl200		30	Grey	244x32x3000 mm	244
F1200		40	Anthracite		
		20	Brown		150
Rafter PM180		30	Grey	150x60x3000 mm	8
		40	Anthracite		
		20	Brown		220
Beam PK170		30	Grey	220x60x3000 mm	
		40	Anthracite		
Cover (Post)				150×150	
DK300		*		mm	
Cover (Rafter)				150x60	
MK290		*		mm	
Cover (Beam)				220x60	
KK280		*		mm	
Beam Support			Motalia	40×80	
Profile DDP220		*	Metalic	mm	



# **Product List**

	Pole Foot Plate DAS270	*	Metalic	140x140 mm	
	U Connection Apparatus LBA240		Metalic	60x60x60 mm	
	L Connection Apparatus LBA250		Metalic	60x60 mm	
4	Stun Blind Nut SKS260	*	Metalic	150x150 mm	
	Deck Clips DK210	Mo	E		
	Start-Finish Clips DK210	Me	etalic		



### **Certificates**



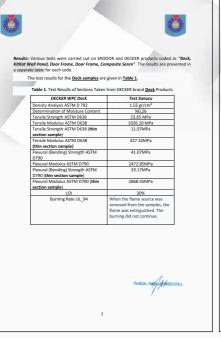






## **Analysis Report**







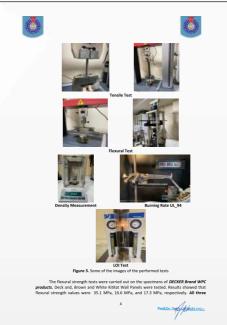




Table 2. Flexural Properties of ERDOOR ORIGINAL-SİZE Products			
Flexural Propoerties of ERDOOR <u>Original-Size</u> Products	Test Results		
WPC Deck	35.1 MPa		
Brown Kitkat WPC Composite	16.6 MPa		
White Kitkat WPC Composite	17.3 MPa		

Door Frames	Test Results
Tensile Strength ASTM D638	15.32 MPa
Tensile Modulus ASTM D638	699.65 MPa
Flexural (Bending) Strength ASTM D790	27.81 MPa
Flexural Modulus ASTM D790	2053.03 MPa

WPC Frames	Test Results
liagonal Compression Strength (Maximum Force)	189.81 N









