Composite Decking Profiles

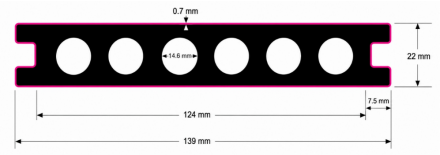
Product views, cross-sections and nominal specifications

AVAILABLE PROFILES

139 mm PROFILE



PRODUCT VIEW

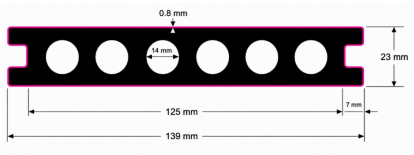


CROSS-SECTION

139 mm PROFILE



PRODUCT VIEW



CROSS-SECTION

DIMENSIONS AND WEIGHT

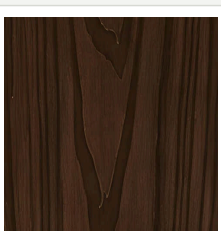
PROFILE	DIMENSIONS	WEIGHT P/LM
139 mm	5.47 in × 0.87 in × 9.51 ft (139 mm × 22 mm × 2900 mm)	1.69 lb/ft (2.51 kg)
139 mm	5.47 in × 0.91 in × 9.51 ft (139 mm × 23 mm × 2900 mm)	1.95 lb/ft (2.90 kg)

P/LM = per linear metre. Dimensions shown are width x thickness x length.

Colours & Surface Textures

A clear reference palette with friendly colour and finish labels

COLOUR PALETTE



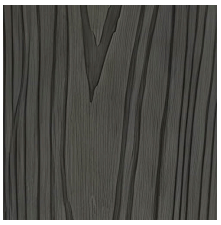
Rose Wood RW



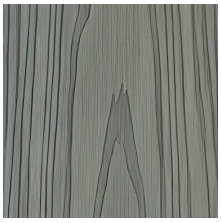
Teak TK



Golden Oak GO



Dark Gray DG



Radiant Gray RG



Ancient Wood AW

SURFACE TEXTURES



DG **Deep Grain**
Surface texture



RO **Raw Oak**
Surface texture

Material, product or form of construction	LastElegance Decking
Issued by (company)	Sichuan Hengjiuya New Material Technology Co., Ltd.
Version and date of issue	3rd April 2025
Product description	Wood composite decking
Application and intended use	Floor or floor-type activites
Condition and limitations of use	Wind loads as defined in AS/NZS 1170.2:2021

Dimensional Properties	Test Method	Result
Width	EN 15534-1, Section 6.6.2	5.47 in (139 mm)
Thickness	EN 15534-1, Section 6.6.2	0.87 in (22 mm)
Linear mass	EN 15534-1, Section 6.5	1.69 lb/ft (2.51 kg/lm)
Standard board length	EN 15534-1, Section 6.6.2	9.51 ft (2900 mm)
Board weight	EN 15534-1, Section 6.5	16.05 lb (7.28 kg) per 9.51 ft (2.9m) board
Pack Qty (Decking & Edge Board)		160 lengths of 9.51 ft (2.9m) boards

Dimensional Properties	Test Method	Result
Width	EN 15534-1, Section 6.6.2	5.47 in (139 mm)
Thickness	EN 15534-1, Section 6.6.2	0.91 in (23 mm)
Linear mass	EN 15534-1, Section 6.5	1.95 lb/ft (2.90 kg/lm)
Standard board length	EN 15534-1, Section 6.6.2	9.51 ft (2900 mm)
Board weight	EN 15534-1, Section 6.5	18.54 lb (8.41 kg) per 9.51 ft (2.9m) board
Pack Qty (Decking & Edge Board)		160 lengths of 9.51 ft (2.9m) boards

Please note: LastElegance Decking and edge boards are subject to normal manufacturing tolerances and may vary from nominated size. Variations in material dimensions and colour within normal manufacturing variations and tolerance are not considered defects and checks should be done prior to installation.

Physical Properties	Test Method	Result
Creep behaviour	EN 15534-1: 2014, Section 7.4.1, partial	Pass dS
Resistance to artificial weathering (Xenon-arc)	EN 15534-1, Section 8.1 & EN ISO 4892-2, Cycle 1 (2000 hours)	ΔE 1.45; Grey Scale 4-5
Resistance against discolouring micro-fungi	ISO 16869	Class 0
Fire reaction	EN 13501-1	Class C
Swelling and water absorption	EN 15534-1, Section 8.3.1 & EN 317	Water absorption: 3.5% Length: 0.5% Width: 0.1% Thickness: 0.6%

Thermal Properties	Test Method	Result
Linear thermal expansion	EN 15534-1, Section 9.2	$40 \times 10^{-6}\ K^{-1}$