



GROOVED DECKING

SUNSHINE COLLECTION ESSENCE SERIES



Load Bearing
Reinforcement



Anti-slip



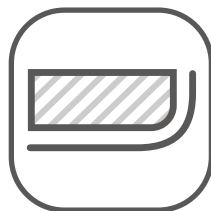
Natural Texture



360° Safeguard



Mitated Wood
Surface



Waterproof
Coating



Self-repairing
On Minor Damages



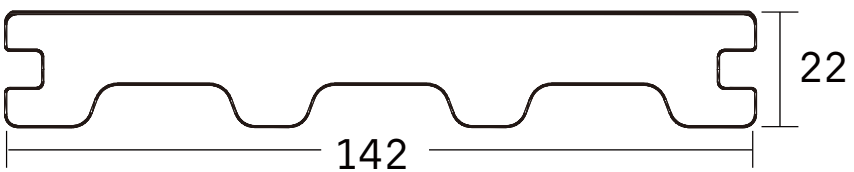
Anti Aging

PRODUCT FEATURE

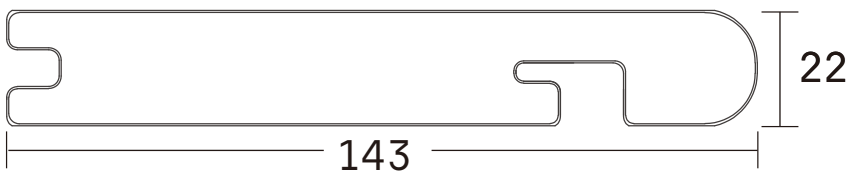
The Essence series serves as the "gold standard" within the product portfolio, the Essence Series perfectly balancing design aesthetics and engineering practicality. Centered around highly standardized modular components and a mature rapidinstallation system, it significantly reduces construction complexity and delivery timelines, ensuring efficient and precise project execution. In terms of cost performance, it avoids the functional limitations of entry-level products while eliminating the premium costs associated with high-end customization. This approach precisely addresses the core market demand for "value for money." With this balanced and pragmatic product positioning, the Essence series has firmly established itself as a mainstream market choice, becoming the preferred solution for most household users and commercial projects to meeting the needs of diverse scenarios.

AVAILABLE SIZES

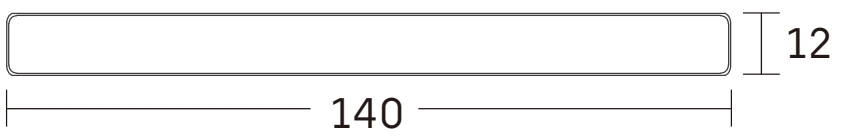
MAIN BOARD-HLSC-031F



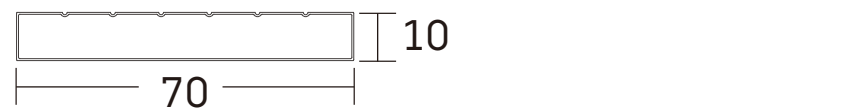
EDGE BOARD-HLSC-014B



FASCIA BOARD 140MM-HLSC-008B



FASCIA BOARD 70MM-HLSC-009B

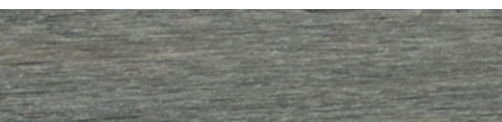


AVAILABLE COLORS

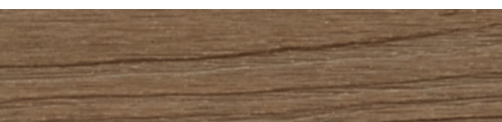
Ipe



Mica Ash



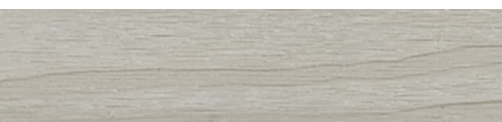
Teak



Silver Grey



Sand



Maple



Willow



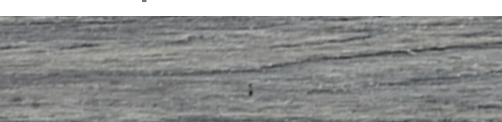
Charcoal



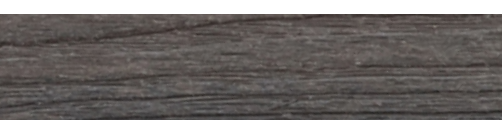
Redwood



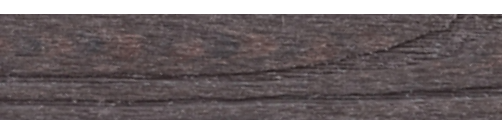
Antique



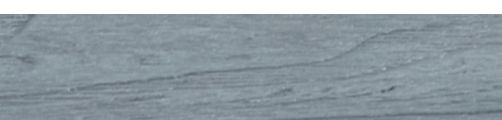
Chocolate



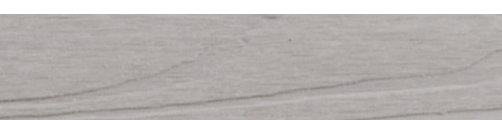
Claret



Smoke White



Cedar



Product Details

Product	Dimensions(mm)	Weight(kg/m)	Coverage(pcs/m²)
HLSC-031F	142*22*2200	2.88	3.2
HLSC-031F	142*22*2800	2.88	2.45
HLSC-031F	142*22*3000	2.88	2.29



Test Results

ESSENTIAL FEATURES	STANDARD	RESULT
Max load	EN 13501-1	Span:350mm Ultimate load≥4574N
Humidity Level	EN 15534-1	Moisture content:0.45%
Shock Resistance	EN 15534-1	No Crack
Density	EN 15534-1	1.220 g/cm³
Abrasion Resistance	ASTM D4060	40.4mg
Fire Resistance	EN 13501-1	Cf1-s1
Bending Properties	EN 15534-1	MOR[Modulus of Rupture]:36.0 MPa MOE[Modulus of Elasticity]:3800 MPa
Linear Mass	EN 15534-1	2.88 kg/m
Impact Resistance	ASTM D4226	≥400 in·lbf
Formaldehyde Content	/	Reach:pass
Slipping Resistance	EN 16165	R10[Angle:10.8°]
Resistance to Indentation	EN 15534-1	Brinellhardness:71.8 MPa Rate of elastic recovery:72%
Linear Thermal Expansion Coefficient	EN 15534-1	44·10-6 K-1
Mold Resistance	ISO 16869/ASTM G21	Grade 0
Resistance to Artificial Weathering	ISO 4892-2/ASTM G154	2000h:Gray scale≥4 6000h:Gray scale≥3
Peel Strength	EN 319	5.51N/mm2