

# Expona Clic 19dB Wood

## PRODUCT SPECIFICATION

### Key Features

- > Authentically replicated wood plank designs
- > Interlocking 5G-i planks for quick installation
- > 19dB acoustic performance
- > Can be laid over existing sub floors
- > Suitable for heavy commercial interior



5G-i is a patented technology invented by Välinge Innovation AB. The 5G-i word mark and logo are registered trademarks owned by Välinge Innovation AB and any use of such marks is under license.



Product Format	Standard	Result
Gauge	ISO 17539 (EN 428)	6.5mm
Wear Layer	ISO 24340 (EN 429)	0.55mm
IXPE Acoustic Layer		1mm
Joint Profile		5G-i
Total Weight	ISO 23997 (EN 430)	10,800g/m <sup>2</sup>
Finish		PUR

Plank Sizes	Size	Shades	Quantity per Box	Coverage per Box/Roll
Plank	177.35mm x 1212.4mm	7	10	2.15m <sup>2</sup>
	196.4mm x 1212.4mm	5	9	2.14m <sup>2</sup>

Performance Requirements	Standard	Result
General Performance	EN 16511 ASTM F3621	Conforms Conforms
Use Area	ISO 10874 (EN 685)	23, 34
Slip Resistance	EN 13893 DIN EN 16165 Ann. B ASTM D2047	Class DS R10 SCOF ≥0.5
Binder Content	ISO 10582	Type I
Abrasion Resistance	EN 649 ISO 24338 Method B	Group T ≥ 7000 cycles
Reaction to Fire	EN 13501-1 ASTM E662 ASTM E648 CAN/ULC S102.2	Class Bfl-S1 <450 Pass Class 1 FSV < 300; SDV < 500
Residual Indentation	ISO 24343-1 ASTM F970 ASTM F1914	≤0.10mm* ≤0.005" @ 750psi ≤0.005"
Castor Chair (continuous use)	ISO 4918 (EN 425)	Suitable
Impact Resistance	EN 13329 Annex F	Pass ≥1800mm

<b>Dimensional Stability</b>	ISO 23999 (EN 434) ASTM F2199	≤0.20% Pass
<b>Thermal Resistance</b>	ISO 12667	0.034m <sup>2</sup> K/W
<b>Underfloor Heating</b>		Suitable, max 27°C
<b>Light Fastness</b>	ISO 105-B02 (Method 3)	≥6
<b>Resistance to Light</b>	ASTM F1515	ΔE ≤ 8.0 - Meets
<b>Resistance to Heat</b>	ASTM F1514	ΔE ≤ 8.0 - Meets
<b>Furniture Leg</b>	ISO 16581 (EN 424)	Pass
<b>Swelling</b>	EN ISO 24336	Pass (0.0%)

\*Average test value from current production.

<b>Sustainability</b>	<b>Standard</b>	<b>Result</b>
<b>Recyclable</b>		100%
<b>Recycled Content</b>		Up to 15%
<b>REACH</b>		Compliant
<b>Indoor Air Comfort Gold</b>		Eurofins certified product
<b>FloorScore</b>		Certified
<b>Finnish M1 Classification</b>		Certified
<b>AgBB/ABG</b>		Pass

<b>Acoustic Performance</b>	<b>Standard</b>	<b>Result</b>
<b>Impact Sound Reduction</b>	ISO 10140-3	19dB
<b>Impact Sound Transmission Reduction</b>	ASTM E2179	Delta IIC 23
<b>Sound Transmission Coefficient</b>	ASTM E90/492	STC 54
<b>Impact Insulation Class</b>	ASTM E90/492	IIC 55

<b>Maintenance Performance</b>	<b>Standard</b>	<b>Result</b>
<b>Resistance to Chemicals</b>	ISO 26987 (EN 423) ASTM F925	Good resistance Good resistance

Regular light maintenance is more cost-effective than periodic heavy maintenance and more beneficial to the floor covering.



BS EN 14041



EN 14041

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## RANGE SHADES

**177.35mm x 1212.4mm**

6.98" x 47.73"



Icelandic Oak **9025**



LRV 34



Summerhouse Oak **9026**



LRV 33



Rice Wine Oak **9028**



LRV 43



Eden Ash **9027**



LRV 23



Log Cabin Oak **9029**



LRV 23



Rich Hazel Oak **9031**



LRV 16



Tennessee Oak **9032**



LRV 10

**196.4mm x 1212.4mm**

7.73" x 47.73"



Moorland Oak **9033**



LRV 28



Parisian Limed Oak **9034**



LRV 37



Harbour Side Oak **9035**



LRV 37



Treehouse Oak **9036**



LRV 26

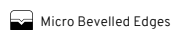


Shingle Oak **9037**



LRV 22

LRV - Light Reflectance Value



Micro Bevelled Edges



Colour/Pattern Variation