

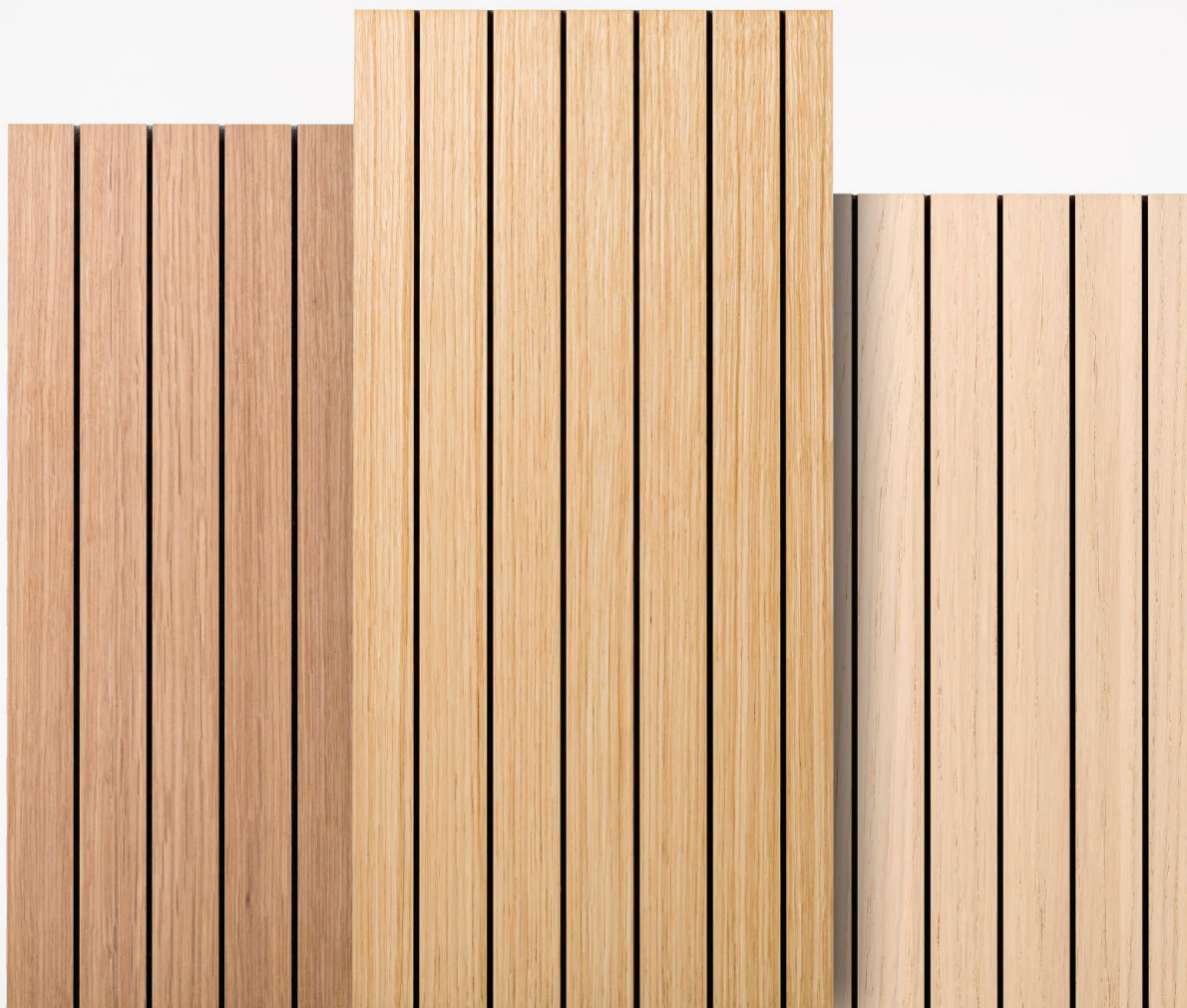
Less grooving
makes for more
wood.

Groove 24

STIL
ACOUSTICS

Key features:

Acoustic performance	Class D
Environmental factors	FSC certified upon request. Low emissions (E1 class)
Finishes	Veneer with lacquer, veneer with coloured oil, HPL
Formats	Sheets, planks, made to measure acoustic cupboard doors

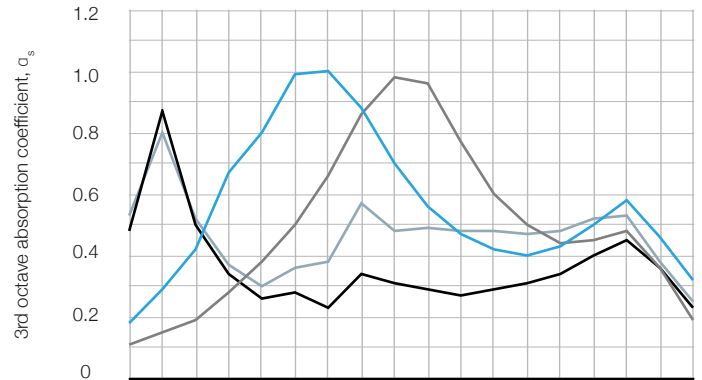


Groove 24 datasheet

3mm slot width, 29mm slat width



Absorption data for Groove 24 (EN 354: 2003)



Groove 24 acoustic performance	α_w	Class	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz
70mm cavity including 50mm 40kg mineral fibre	0,50 LM	D	0,30	0,80	0,85	0,50	0,45	0,45
20mm cavity including 20mm Polyester wool	0,50 MM	D	0,15	0,35	0,85	0,80	0,45	0,35
Empty: Cupboard door with 500mm cavity	0,35	D	0,60	0,30	0,30	0,30	0,35	0,35
Filled: As above with 20mm Polyester wool	0,60	C	0,60	0,35	0,45	0,50	0,50	0,40

Specification checklist

Fire performance	Euroclass B-s1-d0 components when specified
Standard Measurements	3030 x 192 mm (tongue and groove HPL) 3030 x 128 mm (tongue and groove veneer) 3030 x 1200 mm (veneer) 3030 x 1280 mm (HPL) Acoustic cupboard doors - made to measure
Thickness	19mm veneer / 20mm HPL
Weight	10.5kg/m ²
Core	Black moisture resistant MDF/Black fire retardant MDF
Can be applied to curved surfaces	Yes, T&G panel available as well as flexible sheets
Finishes	HPL - 0.9mm with Over 500 options available. Veneer finishes with lacquer or oil
Can be cut on site	Yes
Clear lacquer sheen levels (veneer)	10% for fire retardant lacquer. Oil very matt
Wall mouting	Softwood battens at 600mm centres. Black pins fired through grooves.
Ceiling mounting	MF system with MDF strips. Black pins fired through grooves.
Panel backing	Black fleece tissue inside the panel and balance HPL / veneer.
Sustainability / Environment	FSC accredited on request, E1 Formaldehyde emissions
Trims , doors and finishing details available	Matching internal door covers, acoustic doors, edgings, skirting and returns on request