

GUSTAFS DESIGNED FOR EYES AND EARS		Technical Data Sheet Gustafs Linear System					Doc	TDS-GLS-V											
							Rev	2018-01-12											
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CORE	THICKNESS	STANDARD LENGTH	STANDARD WIDTH	STANDARD SPACING	SURFACE														
Fiber Gypsum	13, 22, 28	2400 & 2970 mm	38 mm	12 mm	Coated Veneer														
	29-44 mm	2400 & 2550 mm																	
ESTETICS & MAINTENANCE																			
Colour, pattern & finish		Wood is a natural product and each veneer is unique. Colour, pattern and structural differences are considered as normal and a part of the décor. Wood changes over time when exposed to UV-light. When painted, please supply RAL or NCS numbers.																	
Maintenance		For indoor use. Use and installation at 18-50 C° and 25-60% humidity. Cleanings is done by dry mop or vacuum. Use synthetic cleaning fluid without ammonia for greasy stains, fruit, wine and coffee. Blood is removed with cold water. Approved for cleaning with 70% alcohol products for health care locations.																	
TOLERANCES	PERFORMANCE	COMMENTS			STANDARD														
Thickness	±0,5 mm				SS-EN 13986/324-1/324-2														
Length	±1,0 mm				SS-EN 13986/324-1/324-2														
Width	±0,2 mm				SS-EN 13986/324-1/324-2														
Warping	± 1,0 mm	When installed with Gustafs Capax System			SS-EN 13986/324-1/324-2														
PHYSICALS																			
PERFORMANCE (installed cc 50 mm / spacing 12 mm)																			
Weights	13 mm: 11,0 kg/m ² / 22 mm: 21,0 kg/m ² / 28 mm: 26,7 kg/m ² / 34 mm: 32,4 kg/m ² / 44 mm: 42,0 kg/m ²																		
ENVIRONMENT	PERFORMANCE	COMMENTS			STANDARD														
Release of asbestos	NPD																		
Formaldehyde	0,05 mg/m ² h	E1			SS-EN ISO 16000-9														
TVOC	0,16 mg/m ² h	total emission			SS-EN ISO 16000-9														
Recycled content, pre-cons.	77%	industrial gypsum																	
Recycled content, post-cons.	17%	cellulosa fibers																	
FSC wood	Yes, available	Certificate code: SCS-COC-005137			FSC, Chain of Custody														
Durability	> 50 years	expected life time																	
Energy for production	99% water, 1% wind energy																		
Possible LEED points	EA C1, MR C1.2, MR C2, MR C3, MR C4, MR C5, MR C6, MR C7, IEQ C3.1, IEQ C3.2, IEQ C4.1, IEQ C4.4. Schools: EQ C4, option 6, EQ C9		sustainable buildings			LEED for New Construction and Major Renovations, LEED for Schools													
Possible BREEAM points																			
FIRE	PERFORMANCE	COMMENTS			STANDARD														
Reaction to fire	B-s1,d0	Core including the surfaces			EN 13501-1														
Resistance to fire	K1-10/K2-10	With A2 classified mineral insulation			EN 13501-2														
ACOUSTICS																			
Typ	Spacing	Slott (D)	cc (A/E)	WALL: 45 mm insulation + 30 mm air void (Hz/αp)								CEILING: 45 mm insulation + 200 mm air void (Hz/αp)							
				αw	NRC	125	250	500	1000	2000	4000	αw	NRC	125	250	500	1000	2000	4000
Linear	12 mm	∞	50	0,70-C	0,80	0,30	0,90	1,00	0,75	0,60	0,65	0,70-C	0,80	0,50	0,95	0,85	0,75	0,60	0,65
Linear	62 mm	∞	100	-								0,95-A	1,00	0,35	0,95	1,00	1,00	0,95	0,75
Typ	Spacing	Slott (D)	cc (A/E)	WALL: 17 mm insulation + 0 mm air void (Hz/αp)															
				αw	NRC	125	250	500	1000	2000	4000	-							
Linear	12 mm	∞	50	0,65-C	0,70	0,05	0,35	0,90	0,90	0,70	0,65								