

| GUSTAFS DESIGNED FOR EYES AND EARS | | | | Technical Data Sheet Gustafs Linear System | | | | | | | | Doc | TDS-GLS-P | | | | | | |
|---------------------------------------|------------|--|----------|---|--|------|----------------|------|------|------------------|---|---|------------|------|------|------|------|------|------|
| | | | | | | | | | | | | Rev | 2018-01-12 | | | | | | |
| | | | | | | | | | | | | Page | 1/1 | | | | | | |
| CORE | THICKNESS | | | STANDARD LENGTH | | | STANDARD WIDTH | | | STANDARD SPACING | | | SURFACE | | | | | | |
| Fiber Gypsum | 13, 22, 28 | | | 2400 & 2970 mm | | | 38 mm | | | 12 mm | | | Painted | | | | | | |
| | 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. | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | |