

THERMATEX® Varioline Wood

THERMATEX® Varioline Wood is a fleece-coated, highly absorbing acoustic tile. The class A sound absorber fulfils high acoustic requirements as well as important physical properties in fire protection and hygiene. The sophisticated product design enables uncomplicated handling and installation. The high quality acoustic fleece also gives an elegant optic and is applied with a wood décor in a trendy wood surface.

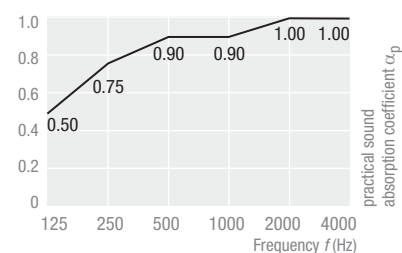


Technical Properties

| | |
|--------------------------------|---|
| Building material class | A2-s1, d0 as per EN 13501-1 |
| Fire resistance | F30 - F90 as per DIN 4102 part 2 (as per test certificate) REI30 - REI90 per EN 13501 part 2 (as per test certificate) |
| Sound absorption | EN ISO 354 $\alpha_w = 0.95$ as per EN ISO 11654 $NRC = 0.90$ as per ASTM C 423 |
| Sound attenuation | $D_{n,f,w} = 28$ dB as per EN ISO 10848 (19 mm thickness, as per test certificate) |
| Humidity resistance | up to 95% relative humidity |
| Thermal conductivity | $\lambda = 0.040$ W/mK as per EN 12667 |
| Air permeability | PM1 (≤ 30 m ³ /hm ²) as per DIN 18177 |
| Surface design | wood decor |

System **C** Exposed system, tiles demountable

Sound absorption values



| Available sizes and edges | Thickness/weight 19 mm (approx. 3.1 kg/m ²) | | |
|---|---|------------|---------|
| | System C | | |
| | SK | VT-S 15/24 | VT-S15F |
| Please note minimum quantities and lead times | | | |
| 600 x 600 mm | • | • | • |
| 625 x 625 mm | • | • | • |
| 600 x 1200 mm | • | • | • |
| 625 x 1250 mm | • | • | • |



THERMATEX® Varioline Acoustic Wood

The mineral tile THERMATEX® Varioline Acoustic Wood achieves high sound absorption values and good sound attenuation. The design of the visible acoustic fleece provides a striking, smooth and elegant surface with the application of a wood décor in a trendy wood surface.

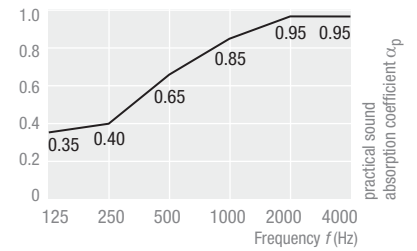


Technical Properties

| | |
|--------------------------------|---|
| Building material class | A2-s1, d0 as per EN 13501-1 |
| Fire resistance | F30 as per DIN 4102 part 2 (as per test certificate) REI30 per EN 13501 part 2 (as per test certificate) |
| Sound absorption | EN ISO 354 $\alpha_w = 0.65(H)$ as per EN ISO 11654 $NRC = 0.70$ as per ASTM C 423 |
| Sound attenuation | $D_{n,f,w} = 40$ dB as per EN ISO 10848 (in semi-concealed system, as per test certificate) |
| Humidity resistance | up to 95% relative humidity |
| Thermal conductivity | $\lambda = 0.052-0.057$ W/mK as per DIN 52612 |
| Air permeability | PM1 (≤ 30 m ³ /hm ²) as per DIN 18177 |
| Surface design | wood decor |

- System **F** Free span system, main runners exposed or concealed
 System **I** Parallel Bandraster construction, cross tees exposed or concealed

Sound absorption values



| | |
|---|---|
| Available sizes and edges | Thickness/weight 19 mm (approx. 4.6 kg/m ²) |
| | System F I AW/SK |
| Please note minimum quantities and lead times | |
| 300 x 1200 - 1800 mm | |

THERMATEX® Varioline SF Wood

The grid construction of the acoustic ceiling THERMATEX® Varioline SF Wood is almost completely concealed by a special edge, except for a narrow shadow gap, making the profiles almost unnoticeable. As installation only takes place from below, THERMATEX® Varioline SF Wood has a minimal installation height and is therefore particularly suited to refurbishment projects. A simple shift along the profile makes the removal and insertion of individual ceiling tiles easy. At the same time, the non-visible perforation within the ceiling material achieves very good sound absorption results and is applied with a wood décor in a trendy wood surface.

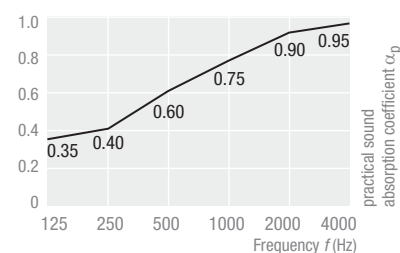


Technical Properties

| | |
|--------------------------------|---|
| Building material class | A2-s1, d0 as per EN 13501-1 |
| Fire resistance | F30 as per DIN 4102 part 2 (as per test certificate) REI30 per EN 13501 part 2 (as per test certificate) |
| Sound absorption | EN ISO 354 $\alpha_w = 0.65(H)$ as per EN ISO 11654 $NRC = 0.70$ as per ASTM C 423 |
| Sound attenuation | $D_{n,f,w} = 38$ dB as per EN ISO 10848 (24 mm thickness, as per test certificate) |
| Humidity resistance | up to 90% relative humidity |
| Thermal conductivity | $\lambda = 0.052-0.057$ W/mK as per DIN 52612 |
| Air permeability | PM1 (≤ 30 m ³ /hm ²) as per DIN 18177 |
| Surface design | wood decor |

System **C** Exposed system (semi-concealed – SF edge), tiles demountable

Sound absorption values



| | |
|---|---|
| Available sizes and edges | Thickness/weight 24 mm (approx. 8.4 kg/m ²) |
| | System C SF (long edge) (short edge) |
| Please note minimum quantities and lead times | |
| 600 x 600 mm | • |
| 625 x 625 mm | • |