

ORGANIC TWIN

Organic Twin combines natural aesthetics with even better acoustic performance. Organic Twin is easy to install in almost any ceiling or wall solution.

- α_w max. 0.95
- Lightweight 'easy assembly'
- Concealed modular ceiling possible



| Options | Gross extra charge € / m ² | |
|-------------------------|---------------------------------------|-----------------|
| Organic Twin Authentic | 2.0 mm | No extra charge |
| Length | 2000 | |
| Fire classification | A2-s1,d0 | 4.75 |
| Alternative edge finish | Table: 'Edge finishes' (page 12) | |
| Colour | Table: 'Colours' (page 16) | |
| Motif | Table: 'Motifs' (page 19) | |

| Thickness (mm) | Length (mm) | Width (mm) | Standard fibre width | Standard Edge finish | Panels / pallet | m ² / pallet | Gross price € / m ² Unpainted |
|----------------|-------------|------------|----------------------|----------------------|-----------------|-------------------------|--|
| 25 | 600 / 1200 | 600 | 1.0 mm | SK-04 | 84 / 42 | 30.24 | 24.30 |
| 35 | 600 / 1200 | 600 | 1.0 mm | SK-04 | 56 / 28 | 20.16 | 31.75 |
| 50 | 600 / 1200 | 600 | 1.0 mm | SK-04 | 42 / 21 | 15.12 | 41.95 |

SOUND ABSORPTION

| Panel type | 125 | 250 | 500 | 1000 | 2000 | 4000 | α_w | NRC | SAA | Report number |
|---------------------------|------|------|------|------|------|------|-------------|------|------|-----------------|
| Direct mounting | | | | | | | | | | |
| Organic Twin 25 | 0.10 | 0.36 | 0.70 | 0.93 | 1.05 | 1.03 | 0.65 | 0.75 | 0.76 | AC12-26039552/1 |
| Organic Twin 35 | 0.16 | 0.53 | 0.89 | 1.02 | 1.03 | 1.05 | 0.85 | 0.85 | 0.87 | AC12-26039552/2 |
| Organic Twin 50 | 0.20 | 0.65 | 1.05 | 1.05 | 1.00 | 0.90 | 0.95 | 0.90 | 0.94 | AC09-26018151/2 |
| Plenum 50 mm | | | | | | | | | | |
| Organic Twin 25 | 0.25 | 0.60 | 0.70 | 0.90 | 1.05 | 1.00 | 0.80 | 0.80 | 0.81 | AC12-26039552/1 |
| Organic Twin Authentic 25 | 0.25 | 0.60 | 0.75 | 0.85 | 0.95 | 0.90 | 0.80 | 0.75 | 0.79 | AC18-26078299-3 |
| Organic Twin 35 | 0.25 | 0.70 | 0.90 | 1.00 | 1.05 | 1.00 | 0.95 | 0.90 | 0.91 | AC12-26039552/2 |
| Organic Twin Authentic 35 | 0.30 | 0.65 | 0.80 | 0.95 | 0.95 | 0.85 | 0.85 | 0.80 | 0.84 | AC18-26078299-3 |
| Plenum 200 mm | | | | | | | | | | |
| Organic Twin 25 | 0.35 | 0.45 | 0.65 | 0.95 | 1.05 | 1.00 | 0.70 | 0.75 | 0.78 | AC12-26039552/1 |
| Organic Twin Authentic 25 | 0.45 | 0.60 | 0.70 | 0.80 | 0.95 | 0.95 | 0.80 | 0.75 | 0.76 | AC18-26078299-3 |
| Organic Twin 35 | 0.45 | 0.65 | 0.85 | 1.00 | 1.10 | 1.05 | 0.90 | 0.90 | 0.90 | AC12-26039552/2 |
| Organic Twin Authentic 35 | 0.50 | 0.55 | 0.75 | 0.95 | 1.00 | 0.90 | 0.80 | 0.80 | 0.81 | AC18-26078299-3 |
| Organic Twin 50 | 0.40 | 0.70 | 0.95 | 1.05 | 1.00 | 0.95 | 0.95 | 0.90 | 0.93 | AC09-26018151/2 |

TECHNICAL SPECIFICATIONS

| Properties | Symbol | Description | Unit | Standard |
|----------------------------------|-------------------|--|----------------------|------------|
| Fire classification | - | B-s1,d0 / A2-s1,d0 (Optional) | - | EN 13501-1 |
| Thermal conductivity coefficient | λ | Wood wool (B-s1,d0): 0.08 Wood wool (A2-s1,d0): 0.09 Mineral wool: 0.040 | [W/mK] | EN 12667 |
| Thermal resistance | R_D | 25 35 50 0.50 0.70 1.10 | [m ² K/W] | EN 12667 |
| Weight | - | 8.0 11.0 14.0 | kg/m ² | - |
| Panel construction | - | 7/15/3 10/20/5 10/35/5 | [kPa] | EN 826 |
| Light reflectance value | LRV | Table 'light reflectance values' page 39 | | - |
| CE Code | WW-EN13168-T1 | | | |
| DoP code | 4091_ORGANIC TWIN | | | |
| Wood wool standard | EN 13168:2012+A1 | | | |

