

ORGANIC TWIN

DESIGNED by NATURE and **KNAUF**

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



SPECIFICATIONS

| Thickness (mm) | Length (mm) | Width (mm) | Standard fibre width | Standard Edge finish | Panels / pallet | m ² / pallet |
|----------------|-------------|---|----------------------|----------------------|-----------------|-------------------------|
| 25 | 600 / 1200 | 600 | 1.0 mm | SK-04 | 84 / 42 | 30.24 |
| 35 | 600 / 1200 | 600 | 1.0 mm | SK-04 | 56 / 28 | 20.16 |
| 50 | 600 / 1200 | 600 </td <td>1.0 mm</td> <td>SK-04</td> <td>42 / 21</td> <td>15.12</td> | 1.0 mm | SK-04 | 42 / 21 | 15.12 |

Options

| | |
|------------------------|----------|
| Organic Twin Authentic | 2.0 mm |
| Length | 2000 |
| Fire classification | A2-s1,d0 |

CERTIFICATIONS





SOUND ABSORPTION

| Type de dalle | α_P | | | | | | Average | | | Report number |
|---------------------------|------------|------|------|------|------|------|-------------|------|------|---------------|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | α_w | NRC | SAA | |
| Panel type | | | | | | | | | | |
| Organic Twin 25 | 0.10 | 0.35 | 0.70 | 0.95 | 1.00 | 1.00 | 0.65 | 0.75 | 0.70 | AC15-26055621 |
| Organic Twin 35 | 0.15 | 0.55 | 0.90 | 1.00 | 1.00 | 1.00 | 0.85 | 0.85 | 0.80 | AC15-26055621 |
| Organic Twin 50 | 0.20 | 0.65 | 1.00 | 1.00 | 1.00 | 0.90 | 0.95 | 0.95 | 0.86 | AC15-26055621 |
| Plenum 50 mm | | | | | | | | | | |
| Organic Twin 25 | 0.25 | 0.60 | 0.70 | 0.90 | 1.00 | 1.00 | 0.80 | 0.80 | 0.74 | AC15-26055621 |
| Organic Twin Authentic 25 | 0.25 | 0.60 | 0.75 | 0.85 | 0.95 | 0.90 | 0.80 | 0.80 | 0.72 | AC15-26055621 |
| Organic Twin 35 | 0.25 | 0.70 | 0.90 | 1.00 | 1.00 | 1.00 | 0.95 | 0.90 | 0.84 | AC15-26055621 |
| Organic Twin Authentic 35 | 0.30 | 0.65 | 0.80 | 0.95 | 0.95 | 0.85 | 0.85 | 0.85 | 0.78 | AC15-26055621 |
| Plenum 200 mm | | | | | | | | | | |
| Organic Twin 25 | 0.35 | 0.45 | 0.65 | 0.95 | 1.00 | 1.00 | 0.70 | 0.80 | 0.72 | AC15-26055621 |
| Organic Twin Authentic 25 | 0.45 | 0.60 | 0.70 | 0.80 | 0.95 | 0.95 | 0.80 | 0.80 | 0.70 | AC15-26055621 |
| Organic Twin 35 | 0.45 | 0.65 | 0.85 | 1.00 | 1.00 | 1.00 | 0.90 | 0.90 | 0.82 | AC15-26055621 |
| Organic Twin Authentic 35 | 0.40 | 0.55 | 0.80 | 0.95 | 1.00 | 0.90 | 0.80 | 0.80 | 0.76 | AC15-26055621 |
| Organic Twin 50 | 0.40 | 0.70 | 0.95 | 1.00 | 1.00 | 0.95 | 0.95 | 0.90 | 0.85 | AC15-26055621 |

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' www.organic.design | - | BS8493 |
| CE Code | WW-EN13168-T1 | | | |
| DoP code | 4091_ORGANIC TWIN | | | |
| Wood wool standard | EN 13168:2012+A1 | | | |



Do you want more information? Please contact us

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