



POLIISO AIR INDOOR GL200

Code: PAIR20GL200



POLIISO® AIR INDOOR GL200 is a sandwich panel made of rigid closed cell polyiso foam (polyurethane foam), yellow color, coated between an 80 µm embossed aluminum facing and a 200 µm smooth aluminum facing.

Panels has standard size 1200 x 4000 mm and are available in thickness of 20,5 mm.

APPLICATIONS WITH POLIISO® AIR INDOOR GL200: Costruction of pre-insulated aluminum ducts for air distribution

| CHARACTERISTIC | STANDARD | UNIT | VALUES |
|---|-------------|-------------------|--------------|
| Thickness | EN 823 | mm | 20,5 |
| Thickness tolerance | EN 823 | mm | ± 0,5 |
| Lenght | EN 822 | mm | 4000 |
| Width | EN 822 | mm | 1200 |
| Width tolerance | EN 822 | mm | ± 3 |
| Lenght tolerance | EN 822 | mm | ± 5 |
| Squaring | EN 824 | mm/m | 1 |
| Density | | kg/m ³ | 50 ± 5% |
| Specific heat | | J/kgK | 1500 |
| Initial thermal conductivity (λ _i) | EN 12667 | W/mK | 0,020 |
| Compressive stress at 10% deformation | EN 826 | kPa | ≥ 200 |
| Dimensional stability at 70±2 °C, 90±5 % UR, 48±1 h Thickness change Change in length and width | EN 1604 | % % | ≤ 4 ≤ 1 |
| Dimensional stability at -20±3 °C, 48±1 h Thickness change Change in length and width | EN 1604 | % % | ≤ 2 ≤ 0,5 |
| Water absorption by immersion (28 days) | EN 12087 | Vol % | ≤ 1 |
| Water vapour diffusion resistance factor (μ) | EN 12086 | | ∞ |
| Reaction to fire | DM 26/06/84 | Class | 0-1 |
| Temperature range of application | | °C | - 30 / + 65 |