

## IKO enertherm ATELIA ST

### Product description:

IKO enertherm ATELIA ST is a **100% CFC, HCFC and HFC-free** insulation board with a core of rigid polyisocyanurate foam, covered on both sides with a gas-tight aluminium foil, printed on one side. IKO enertherm ATELIA ST is an insulation board specifically designed for use in loose-laid and mechanically fastened IKO ATELIA roofing systems.

IKO enertherm ATELIA ST is an insulation board with a lower carbon footprint (59 to 62%\* reduction) thanks to a modified bio-based/biogenic product composition (57-58%\*).

### Application:

**Rooftop:** flat roof insulation for wood, concrete and steeldeck roofs

### Edge finish:



Straight

### Technical details:

- Volume weight:  $\pm 32 \text{ kg/m}^3$
- Compressive strength at 10% deformation:  $\geq 175 \text{ kPa (17.5 tonnes/m}^2\text{)}$
- Closed cells: **more than 95%**
- Water vapour diffusion resistance: PIR foam:  $\mu = 60$  – ALU lamination:  $\mu > 100,000$
- Long-term water absorption: **WLT class 1 (<1%)**

### Availability:

| Thickness (mm)<br>Rd (m2.K/W) |                      | 80<br>3,60 | 100<br>4,50 | 120<br>5,45 | 140<br>6,35 |
|-------------------------------|----------------------|------------|-------------|-------------|-------------|
| 1200 x 1000                   | m <sup>2</sup> /pack | 7,2        | 6           | 4,80        | 3,60        |
|                               | m <sup>2</sup> /pal  | 36         | 30          | 24          | 21,6        |

Please consult the application documentation for availability in your area.



### Fire properties

Reaction to fire classification according to EN 13501-1: **Class D-s2, d0**

Reaction to fire classification according to EN 13501-1: **Class B-s2, d0** (end-use steeldeck)

### Technical approvals:

**Europe:** CE marking- EN 13165: T2-DS(70,90)3-DS (-20,-)2-DLT (2)5-TR60-CS(10Y)175-WL(T)1

**Europe:** Third-party verification according to ISO 14067 and EN 16783