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: **± 32 kg/m³**
- Compressive strength at 10% deformation: **≥ 175 kPa (17.5 tonnes/m²)**
- Closed cells: **more than 95%**
- Water vapour diffusion resistance: PIR foam: **μ = 60** – ALU lamination: **μ > 100,000**
- Long-term water absorption: **WLT class 1 (<1%)**

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

Availability:

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

Please consult the application documentation for availability in your area.