

TA-Alutherm®

High-performance aluminium for technical insulation.

TA-Alutherm® is a double-sided coated aluminium sheet for technical insulation. The specially treated surface achieves a guaranteed emissivity of ≥ 0.86 , ensuring particularly efficient heat radiation. This brings the surface temperatures closer to the ambient temperature.

In cold applications, this reduces the risk of condensation, while in hot media, it improves contact protection. At the same time, the corrosion-resistant surface ensures a permanently reliable cladding for technical insulation.

TA-Alutherm® demonstrates its advantages particularly under demanding conditions, such as in district heating pipelines, in hot desert regions with strong day-night temperature fluctuations, and in the renovation of technical insulation with limited space for additional insulation thicknesses.

Advantages

- + High guaranteed emissivity (≥ 0.86)**
 - Can be integrated into insulation calculations
 - Efficient heat radiation
 - + Reduces condensation
 - + High touch protection
- + Maximum resistance**
 - Corrosion resistance class 3
 - UV resistance class $R_{UV} 5$
 - Easy to clean thanks to a durable FEVE coating
- + Excellent workability**
 - Ideal for cladding and complex sheet metal processing
 - Tested on all standard universal cutting machines

