Product Data Sheet

Austrotherm Resolution®

Facade insulation board with EPS plus facing

High-performance thermal insulation made of rigid phenolic foam (resol) with a closed-cell structure, with Austrotherm EPS® PLUS facing. The high-performance insulation material is ideally suited for space-saving use as facade insulation in the external thermal insulation composite system (ETICS).

- Super slim: space-saving insulation solution
- Quick and easy installation
- Over 40 % better thermal insulation compared to EPS F… *[text cut off in the source file]*

Application:	Facade insulation (full thermal protection) in the external thermal insulation composite system (ETICS)
Delivery form:	Board dimensions: 1000 x 500 mm Available thicknesses: 25 – 300 mm Edge profile: straight edge (GK)
Product type:	Rigid phenolic foam (PF) (based on) ÖNORM EN 13166 PF Facing on both sides with 3 mm EPS plus
Designation code:	EN 13166 - T(1) - DS(N) - DS(70,90) - DS(-20,-) - TR60 - CV - WS2

Technical data

Property	Standard	Value
Thermal conductivity λD	EN 13166	**0.022 W/mK**
Tensile strength	EN 1607	**≥ 60 kPa**
Shear modulus	EN 12090	**> 250 kPa**
Shear strength	EN 12090	**> 30 kPa**
DS (N): dimensional stability at 23 °C, 50 % relative humidity	EN 1603	**–**
DS (70,90): dimensional stability, 48 h at 70 °C, 90 % relative humidity	EN 1604	**–**
DS (-20,-): 48 h at -20 °C	EN 1604	**–**
Density	DIN EN 1602	**approx. 35 kg/m³**
Closed-cell content	EN ISO 4590	**≥ 90 %**
Water vapour diffusion resistance factor	DIN EN 12086	**10 – 20**
Reaction to fire	EN 13501-1	**E**

Application notes:
Austrotherm Resolution® contains no chlorofluorocarbons (CFCs), HCFCs or HFCs.
Austrotherm Resolution® is free of chlorine and chlorides.
Austrotherm Resolution® is resistant to short-term contact with petrol and to most diluted acids, alkalis and mineral oils.
In case of long-term contact of Austrotherm Resolution® with adhesive or adhesive mortar, one with a maximum pH value of 12 must be used.

Development and Application Technology
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Our application-technology recommendations, given verbally and in writing to support the buyer/processor on the basis of our experience and in line with the current state of science and practice, are non-binding and do not establish any contractual legal relationship or any ancillary obligations under the purchase contract. They do not relieve the buyer from the obligation to check our products themselves for suitability for the intended purpose.

Translator's note: the German original contains a "listed on" ("gelistet auf") field with a logo that could not be read, and its last benefit line is cut off after "EPS F". Please check both against the original PDF.