

## CALOSTAT®

### High Performance Thermal Insulation Panel

#### Characteristic physico-chemical data

Properties and test methods	Unit	Value
Color		gray
Bulk density	kg/m <sup>3</sup>	165
Thermal conductivity (λ)	W/(m K)	0.019
Vapour diffusion resistance (μ)		6
Water absorption	kg/m <sup>2</sup>	≤ 0.1
Moisture absorption	M-%	≤ 1.0
Dimensional stability length/width/thickness	%	≤ 1/1/2
Compression strength	kPa	> 90
Elastic recovery / recovery reversible	%	≤ 10

#### Registration

##### CALOSTAT®

DIN EN 13501	Construction material class A2-s1, d0 (not flammable)
DIN 4102	Construction material class A (not flammable)

#### Standard Pallets CALOSTAT®

Board Thickness [mm]	Boards per Pallet [Number of Boards]	Volume per Pallet [m <sup>3</sup> ]
20	48	0,576
30	32	0,576
40	24	0,576
50	19	0,570

#### Application and Properties

##### Application

- Thermal insulation for construction applications

##### Properties

- excellent thermal insulation
- open porosity
- hydrophobic
- no thermal conductivity via water
- 100% mineral product
- not flammable
- recyclable

CALOSTAT® is a product based on synthetic amorphous silica.

#### Safety and Handling

Information concerning the health and safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Resource Efficiency GmbH, Product Safety Department, EMAIL: [sds-hu@evonik.com](mailto:sds-hu@evonik.com). We recommend to read carefully the material safety data sheet prior to the use of our product.

#### Delivery mode

CALOSTAT® is available in the standard dimensions 600 X 1,000 mm and with thickness of 20, 30, 40, and 50 mm. Other dimensions are possible on request.

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