

## CALOSTAT® – SAFE, EFFICIENT, AND SUSTAINABLE

CALOSTAT® is the new high-performance insulation material from Evonik. It allows slim wall structures for increased useable space, more safety and especially high sustainability.

Insulation boards made of CALOSTAT® deliver a market-leading combination of performance values. The non-combustibility and the outstandingly low thermal conductivity make CALOSTAT® the material of choice where high requirements are placed on safety and energy efficiency.

### CALOSTAT® INSULATION BOARDS ARE AVAILABLE IN FOUR TYPES:

**CALOSTAT® Pure** is our high-performance board material for upgrading insulating systems in all areas of the building envelope.

**CALOSTAT® Sandwich MW** adds mineral-wool surfaces mechanically bonded to the CALOSTAT® Pure core, for applications where high tensile strength or adhesion is important.

**CALOSTAT® Sandwich MW-F** has one mineral-wool surface and one of a woven glass fleece.

**CALOSTAT® Pad** has a glass fiber fabric protecting the core, thus simplifying transport, handling, and installation.

### EVONIK RESOURCE EFFICIENCY GMBH

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Cradle to Cradle  
Certified™ Gold



Environmental Product  
Declaration



German Innovation  
Award 2018  
in the Building &  
Elements category



Award for Product  
Innovation in the  
Large Enterprises  
category



Detail Product  
Prize 2017  
Construction and  
Materials category



Product of the Year 2018  
in the Structural Fire  
Protection category



Innovation Award  
for Architecture + Building 2019

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## CALOSTAT® INSULATION BOARDS



CALOSTAT®

## RECOMMENDED APPLICATIONS

PRODUCT	PROPERTIES					APPLICATIONS										
	Type	Thermal conductivity ( $\lambda$ ) W/(mK)	Compression strength at 10% deformation kPa	Tensile strength kPa	Standard dimensions mm	Board thickness mm	CWF	Insulation elements	Cavity wall insulation/ Prewall shell	Flat roof	Sloped roof	Floor screed/Terrace	Technical building equipment	Plasterable (EIFS)	Interior insulation	Ceiling
<b>CALOSTAT® Pure</b>	0.019	≥ 90	< 1	1000x 600	20, 25, 30, 40, 50		●	●	●	●	●	●		●		●
<b>CALOSTAT® Sandwich MW</b>	0.024 – 0.026	≥ 50	> 1	980x 580	40, 50, 60	●	●	●	●	●		●	●	●	●	●
<b>CALOSTAT® Sandwich MW-F</b>	0.023 – 0.026	≥ 50	> 1	980x 580	30, 40, 50, 60	●	●	●	●	●		●	●	●	●	●
<b>CALOSTAT® Pad</b>	0.019	≥ 90	> 1	1000x 600	10, 20, 25, 30, 40, 50	●	●	●	●	●	●	●		●	●	●

● suitable ● highly suitable