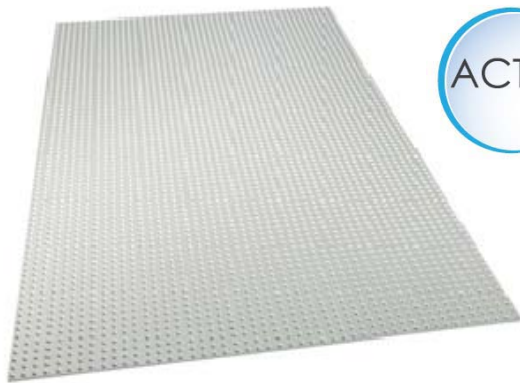


## Rigitone Clima Top Activ'Air 10



- high thermal conductivity  
- improvement of cooling performance up to 15%



- with Activ'Air air-cleaning power



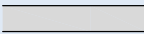
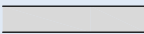
- standard with acoustic tissue for best acoustic performance



- for fast and economic installation in a system with Fix Jointfilling and adhesive technique

<b>Characteristics</b>	Rigitone Activ'Air perforated boards consist of a special gypsum board, which is perforated in the further processing. It has a black or white acoustic tissue on the back as a standard.
<b>Application</b>	Rigitone Clima Top Activ'Air boards used as planking of air climate systems, same time improving the room acoustics and air quality.
<b>Installation</b>	Rigitone Activ'Air boards have to install according to the Rigips Installation Guidelines.

### Technical data

<b>Type</b>	Plasterboards from reprocessing	as per DIN EN 14190		
	non-combustible European Classification: A2-s1, d0 (C.4)	as per DIN EN 14190		
<b>Edge profile</b>	Longitudinal edges		SK	
	designed for filling of joints with Rigips VARIO joint filler, Rigitone Mix or for gluing with jointing compound 63			
<b>Dimensions</b>	Transverse edges		SK	
	Nominal thickness	10	[mm]	
<b>Dimensions</b>	Width x Length	For possible dimensions please consult our delivery program. Special lengths (intermediate sizes, overlength) and sheet cutting possible - delivery time on request.		
	Dimensional tolerances	Thickness	±0.3	[mm]
		Width	±1.0	[mm]
Length		+1/-1.5	[mm]	
Squareness: dimensional deviation from diagonal)		≤ 1	[mm/m]	

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## Rigitone Clima Top Activ'Air 10

Rigitone Clima Top Activ'Air 10						
Plasterboard marking	On rear side	no marking				
	Edge marking	The marking on the pallet label contains: - Rigitone Clima Top Activ'Air 10 - order No. - dimension - manufacturing date - CE-marking				
Hole patterns	Square perforation	12/25 Q				
	Round perforation	8/18				
Weight	Weight per unit area	≥ 7.7-10	[kg/m <sup>2</sup> ]	depends to the pattern	as per DIN 18180	
	Apperent density	ca. 1,000	[kg/m <sup>3</sup> ]	unperforated	as per DIN 18180	
Heat	Thermal threshold stress (long term load)	max. 50	[°C]	short-term load 60°C		
Humidity	Dilatation due to changing of relative humidity by 30% (20°C)	0.015	[%]			
	Strength of shape	max. 80% rel. humidity	[%]	unperforated		
		max. 70% rel. humidity	[%]	perforated		
Acoustic	Acoustic properties	according to ISO 345				
	Acoustic tissue (lightgrey)	ca. 50	[g/m <sup>2</sup> ]	paperbased		
	Percent of perforation	8-23	[%]	depends to the pattern		
Air	Long-term reduction of formaldehyde concentration	Absorption (CH <sub>2</sub> O)		Ratio surface / volume	application	according to ISO 16000-23
		60	[%]	0.4 [m <sup>2</sup> /m <sup>3</sup> ]	ceiling	
		70	[%]	1.0 [m <sup>2</sup> /m <sup>3</sup> ]	wall	
		80	[%]	1.2 [m <sup>2</sup> /m <sup>3</sup> ]	ceiling and wall	

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## Rigitone Clima Top Activ'Air 10

Load	Max. load for unperforated pattern	6	[kg/m <sup>2</sup> ]
	Max. load for perforated pattern	3	[kg/m <sup>2</sup> ]
Sign	The values given in this product data sheet solely describe the performance characteristics of the products. Rigips-Systems also have far-reaching structural-physical and static properties, which can be found in our system documentation (e.g. Planen und Bauen).		

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