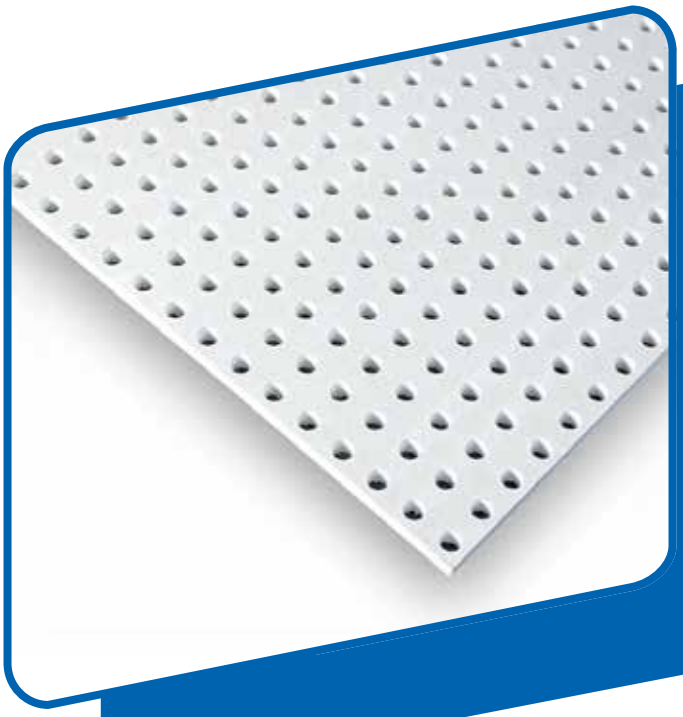
Rigitone Activ'Air 12/25 R - regular round perforation



- ✓ Excellent room acoustic properties
- ✓ visually seamless ceiling finish
- ✓ a wide range of ceiling designs with different perforation patterns

Product description: Perforated plasterboard according to DIN EN 14190 with Activ'Air premium air cleaning effect and acoustic tissue laminated on backside. With the pre-sanded and primed edges Rigitone boards are ready to install.

Area of application: For high-quality wall and ceiling surfaces with special acoustic properties.

The information in this publication is based on our current technical knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve the users of our products from the responsibility of carrying out their own inspections and tests, as they only represent general guidelines. They neither do imply any legally binding assurance of certain properties or of suitability for a particular application. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and regulations are observed. We reserve the right to modifications in the interests of technical advancement without prior notice.

SAINT-GOBAIN RIGIPS GMBH • Willstätterstr. 60 • D-40549 Düsseldorf • Postfach 11 09 48 • D-40509 Düsseldorf
Tel +49 (0)211 5503-0 • Fax +49 (0)211 5503-208 • www.rigips.de • info@rigips.de

Technical specifications

Parameters	Sign	Value	Unit	Certification
Material				
Type of material		gypsum plasterboard		
Typesetting				
Type		Plasterboards from reprocessing		EN 14190
Building material class				
Fire behaviour		A2-s1, d0		EN 13501-1
Edges				
Longitudinal edge		SKF		
Transverse edge		SKF		
Dimensions				
Thickness	t	12.5	mm	EN 14190
Width	w	1.200	mm	
Length	l	2.000	mm	
Tolerances				
Thickness		±0.3	mm	EN 14190
Width		±1.0	mm	
Length		+1.0/-1.5	mm	
Perpendicularity: deviation per meter of width		≤ 1.0	mm/m	
Heat				
Thermal conductivity	λ	0.25	W/(m·K)	EN ISO 10456
Coefficient of thermal expansion at 60% relative humidity approx.		0.013-0.020		Gypsum data book
Limit load by heat (long-term exposure)		max. 50 (short-term up to 60)		
Humidity				
Dimensional stability (perforated boards)		up to max. 70% rel. humidity		
Dimensional stability (unperforated boards)		up to max. 80% rel. humidity		

The information in this publication is based on our current technical knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve the users of our products from the responsibility of carrying out their own inspections and tests, as they only represent general guidelines. They neither do imply any legally binding assurance of certain properties or of suitability for a particular application. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and regulations are observed. We reserve the right to modifications in the interests of technical advancement without prior notice.

Parameters	Sign	Value	Unit	Certification
Acoustics				
Perforation		Regular round		
Perforated panel type		12/25 R		
Perforated area percentage		18.1	%	
Joint technology		filler		
Acoustic tissue Colour		black / white		
Acoustic tissue Weight		50	g/m²	
Bending radii				
dry / concave		3.000		
dry / convex		3.000	mm	
wetted / concave		2.000	mm	
wetted / convex		2.500	mm	
Activ'Air - Long-term reduction of formaldehyde concentration				
Absorption with Ceilings Ratio 0.4 m²/m³		60	%	
Absorption with Walls Ratio 1.0 m²/m³		70	%	
Absorption with Ceilings and Walls Ratio 1.2 m²/m³		80	%	
Notes				
Storage		Dry Flat and level Shady Air access		
Shelf Life		Unlimited		
Form of delivery		According to Pricelist		
Waste key number		17 08 02		

The values listed in this product data sheet only reflect the performance characteristics of the products. In addition, gypsum plaster systems have structural and structural properties, which can be found in our system documentation (e. g. Planen und Bauen).

The information in this publication is based on our current technical knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve the users of our products from the responsibility of carrying out their own inspections and tests, as they only represent general guidelines. They neither do imply any legally binding assurance of certain properties or of suitability for a particular application. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and regulations are observed. We reserve the right to modifications in the interests of technical advancement without prior notice.

SAINT-GOBAIN

SAINT-GOBAIN RIGIPS GMBH • Willstätterstr. 60 • D-40549 Düsseldorf • Postfach 11 09 48 • D-40509 Düsseldorf
Tel +49 (0)211 5503-0 • Fax +49 (0)211 5503-208 • www.rigips.de • info@rigips.de