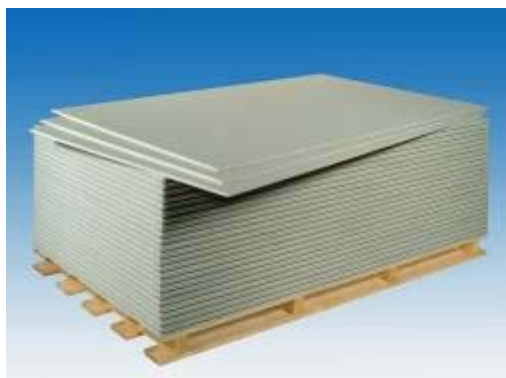


Rigidur H 10



Characteristics:

The Gypsum Fibreboard Rigidur H 10 contains gypsum, paper fibres and mineral additives

Application:

An ideal material for rigid drywall construction with excellent properties in sound absorption and fire resistance

Installation:

According to Rigidur installation guide

Technical specifications

Product name	Rigidur H 10
Classification according ÖN EN 15283-2	GF-C1-I-W2
Reaction to fire rating according ÖN EN 13501-1	A1
Board thickness [mm]	10
Tolerance in board thickness [mm]	± 0,2
Density approx. [kg/m ³]	1200
Area weight approx. [kg/m ²]	12
Maximum tolerance in length [mm]	-1 / +0
Maximum tolerance in width [mm]	-1 / +0
Maximum tolerance in diagonal [mm]	2
Flexural strength [N/mm ²]	6,2
Modulus of elasticity [N/mm ²]	3600
Surface hardness according to Brinell [N/mm ²]	35
Dilatation due to changing of relative humidity by 30% (20 °C) [%]	0,045
Thermal conductivity λ according ÖN EN 12667 [W/(mK)]	0,202
Thermal dilatation [mm/(mK)]	0,015
Stable moisture content at 20°C, 65% relative humidity approx. [%]	1
Water vapour permeability μ	19
Water vapour diffusion-equivalent air layer thickness S_d [m]	0,19
Surface water absorption after 30 minutes [g/m ²]	≤ 1500
Thickness dilatation after 24 hours immersion in water [%]	< 2
Content of chemical bounded water [%]	≥ 15

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.