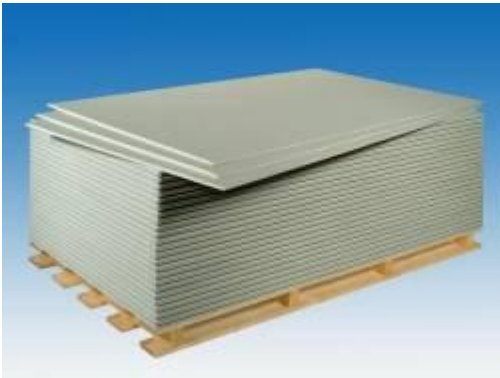


Rigidur L 10



Characteristics:

The Gypsum Fibreboard Rigidur L 10 contains gypsum, paper fibres, perlite and other mineral additives

Application:

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

Installation:

According to Rigidur installation guide

Technical specifications

Product name	Rigidur L 10
Classification according EN 15283-2	GF-C1-W2
Reaction to fire rating according 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]	11,5
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]	5,5
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) [%]	0,025
Thermal conductivity λ according 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	20
Water vapour diffusion-equivalent air layer thickness S_d [m]	0,20
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

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