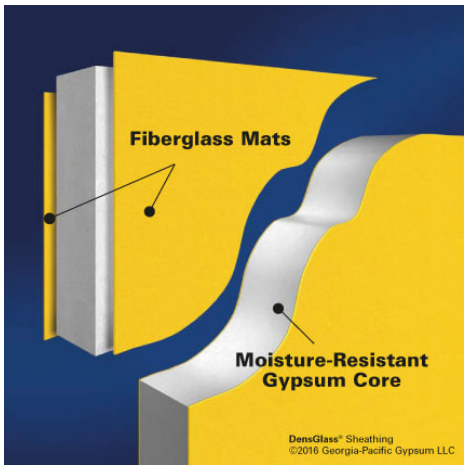
Georgia-Pacific
DensGlass® Sheathing

Renotech Oy
Advanced Material Technology

Moisture Resistance
Fire Safety
Ease of Use
Versatility

Renotech DGG is a MED-certified, non-combustible, glass fibre reinforced, moisture- and mold proof gypsum sheet.



DGG -sheets are available in two thicknesses: 12,7 mm and 15,9 mm. The standard size of one sheet is 1219 x 2438 mm. Other sizes are available on request.
Renotech DGG is typically used in wall and ceiling assemblies. Due to it's perfected flexural strength, Renotech DGG installed on level surface will not distort, bend or sag over time. Renotech DGG substrate is suitable for plaster, paint or light weight claddings. The sheets are easy to handle. Regular gypsum sheet tools and fasteners are suitable for cutting and mounting.
Renotech DGG can be installed on curved backings also. Finished DGG substrate is smooth and seamless.

Product Comparison:	Renotech DGG 12,7 mm	Renotech DGG 15,9 mm
Width, nominal[5]	1219 mm (± 2,4 mm)	1219 mm (± 2,4 mm)
Length, standard[5]	2438, 2743, 3048 mm (± 6 mm)	2438, 2743, 3048 mm (± 6 mm)
Weight, nominal[9]	9 kg/m²	12 kg/m²
Bending radius (lengthwise)	1829 mm[6]	2438 mm[6]
Racking strength (dry)[7] Ultimate – not design value	7878 N/m	9544 N/m
Flexural strength, parallel[2]	356 N	445 N
Compressive strength	3445 kPa	3445 kPa
Humidified deflection[2, 5]	6 mm	3 mm
Permeance[3]	1300 ng/Pa•s•m²	970 ng/Pa•s•m²
R value[4]	0,099 m²•K/W	0,118 m²•K/W
Combustibility[8]	Palamaton	Palamaton
Linear expansion[10] (with moisture change)	158,75 x 10^{-6} mm/mm %RH	158,75 x 10^{-6} mm/mm %RH
Flame spread/smoke developed (per ASTM E84 tai CAN/ULC-S102)	0/0	0/0
Coefficient of thermal expansion[11]	15,3 x 10^{-6} mm/mm/°C	15,3 x 10^{-6} mm/mm/°C

[1] Specified values per ASTM C1396
[2] Tested in accordance with ASTM C473
[3] Tested in accordance with ASTM E96 (dry cup method)
[4] Tested in accordance with ASTM C518 (heat flow meter)
[5] Specified values per ASTM C1177
[6] Double fasteners on ends as needed
[7] Tested in accordance with ASTM E72
[8] As defined and tested in accordance with ASTM E136 or CAN/ULC S114
[9] Approximate weight for design and shipping purposes. Actual weight may vary based on manufacturing location and other factors.
[10] As stated by Gypsum Association GA-235
[11] Tested in accordance with ASTM E228-85

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