



SeaComfort Floor Slab

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Application field

The product is mainly used for sound insulation in the floating floor solutions. The product can be used also for thermal insulation.

Material

A rigid glass wool board. No facing. Insulation material is non-organic and chemically neutral and does not contain corrosive agents.

Mineral wool with quality mark RAL by the Gütegemeinschaft Mineralwolle e.V., unrisky regarding health according to German decree on dangerous substances, decree on prohibition of chemicals and to Regulation (EC) N°1272/2008

Nominal density

80 kg/m³

Thermal performances

T [°C]	10
λ [W/(mK)]	0,035

MST °C 150 °C

Sound, Acoustic and compression performances

A rigid glasswool slab has excellent sound absorption and insulation properties.

Dynamic stiffness of 50 mm slab is 9 MN/m³.

Sound insulation of the floor structure:

SC Floor Slab Thickness, mm	total structure	Rw(C, Ctr)
30	U SP 36-70 + 6 mm steel + SC Floor Slab + 3 mm steel	50 (-7, -13)
50	6 mm steel + SC Floor Slab	45 (-3, -6)
50	6 mm steel + SC Floor Slab + 3 mm steel	46 (-7, -14)
100	6 mm steel + SC Floor Slab + 3 mm steel	52 (-4, -12)

Compressive strength 20 kPa.

Compressive creep:

Loading time y	Load capacity %- from the nominal compressive stress	Declared compressive stress σ_c kPa	Total thickness reduction i_1 mm	Compressive creep i_2 mm	Desication code $CC(i_1/i_2/y)\sigma_c$
10 years	40	7,76	3,16	0,37	CC(3,2/0,4/10)7,8
	50	9,70	3,91	0,42	CC(3,9/0,4/10)9,7

Fire reaction

Non-combustible material MED/3.13.

Marine certificates

22995/C0 MED.

U.S Coast Guard 164.109 / EC2690



Dimensions and packaging

Slabs on a pallet. The thickness of the slab is 20 ... 100 mm. The length and width as agreed.