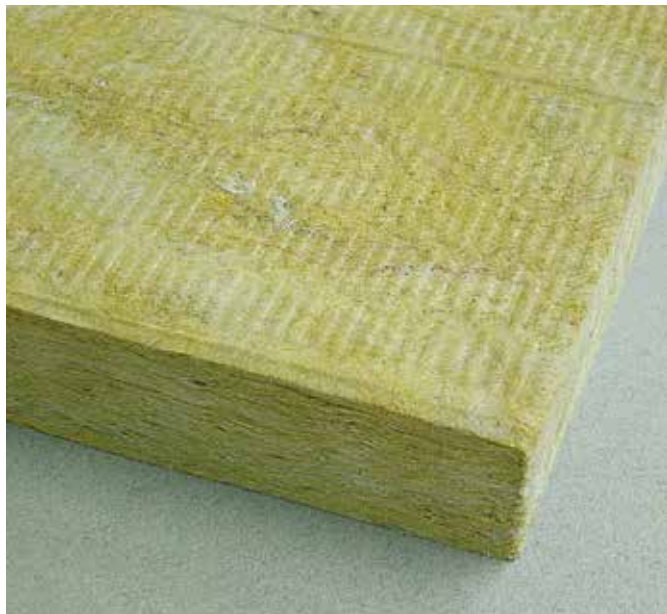


EXTERNAL THERMAL INSULATION COMPOSITE SYSTEMS

CT ROCKWOOL



- *CT ROCKWOOL is a furnace product of molten rock basalt at a temperature of about 1600 °C, through which a stream of air or steam is blown.*
- *The final product is a mass of fine, intertwined fibres. In its manufactured state, rock wool combines the power of rock with the characteristics of typical insulation wool. In addition, with its non-directional fibre orientation, it also exhibits some unique and valuable characteristics.*
- *CT ROCKWOOL is an excellent insulator for thermal, acoustic and fire insulation. The water vapour diffusion resistance factor ($\mu=1$) of rock wool is equal to air, because of this reason there will be no condensation, mould and dampness on indoor of the insulated wall.*
- *CT ROCKWOOL will not cause corrosion or rust and dimensionally stable.*

• CT ROCK WOOL can be used as fire resistant stripes in CERMITHERM PLUS systems (with CT EPS, CT LAMPDOPOR, CT XPS) where flammability risks exists like window edges, door edges and floors)

TECHNICAL SPECIFICATIONS	UNIT	DESCRIPTION								TOLERANCE	STANDARD
Material		Rockwool								-	TS EN 13162
Density	kg/m³	150								+/- -%7	-
Width	mm	600								+/- -1,5 %	TS EN 822
Lenght		1200								+/- -2 %	TS EN 822
Thickness	mm	30	40	50	60	70	80	100	120	T5(**)	TS EN 823
Coverage	-	Kaplamasız								-	-
Fire behaviour	-	A1								-	TS EN 13501-1
Flatness	mm/m	max. 6								-	TS EN 825
Squareness	mm/m	max. 5								-	TS EN 824
Dimensional stability	%	max. 1								-	TS EN 1604
Thermal conductivity declared value (10°C)	W/mK	0,039								-	TS EN 12667/12939
Thermal resistance	m²K/W	0,75	1,00	1,25	1,50	1,75	2,05	2,55	3,05	-	TS EN 13162
Max. service temperature	°C	600								-	TS EN14706
Water vapor diffusion (*)	-	1								-	TS EN 12086
Pulling strength	kPa	min. 15								-	TS EN 1607
Compressive strength	kPa	min. 25	min. 40							-	TS EN 826
Short therm water absorption	kg/m²	max. 1								≤ % 2	TS EN 12087
Long therm water absorption	kg/m²	max. 3								≤ % 1,0	TS EN 1604
Contraction	-	MW-TS EN 13162-T5-DS(T+)-DS(TH)-CS(10)25-TR15-WS-WL(P)-MUI(≤30mm) MW-TS EN 13162-T5-DS(T+)-DS(TH)-CS(10)40-TR15-WS-WL(P)-MUI(>30mm)								-	-
Packaging material	-	PE Film								-	-
Packaging amount	piece-m² package	5-3,60	4-2,88	3-2,16	3-2,16	2-1,44	2-1,44	2-1,44	2-0,72	-	-