



Pure Floc

MW EN 14064-1-MU1

Loose blow-in insulation material made of mineral wool for machine processing

Application areas:

Area 1:

- as exposed thermal insulation material on horizontal or arched and/or slightly inclined surfaces ($\leq 10^\circ$) as well as between binders or roof beams

Area 2:

- as space-filling thermal insulation material in enclosed cavities of walls in timber panel construction and comparable cavities or between rafters and wooden beams as well as in cavities of corresponding constructions

Technical Properties	Data	Unit	Standard
Reaction to fire (euroclass)	A1 (non-combustible)		DIN EN 13501-1
Glowing combustion	not glowing		DIN 4102
Bulk density	area 1: 20 - 25 (exposed)	kg/m ³	Z-23.11-2049
	area 2: 30 - 40 (space filling)	kg/m ³	Z-23.11-2049
Declared thermal conductivity λ_D	area 1: 0,036	W/(m·K)	DIN EN 14064-1
	area 2: 0,034	W/(m·K)	DIN EN 14064-1
Design thermal conductivity λ_B	area 1: 0,037	W/(m·K)	DIN 4108-4
	area 2: 0,035	W/(m·K)	DIN 4108-4
Settlement	area 1: 10	%	Z-23.11-2049
	area 2: no settlement S1		Z-23.11-2049 DIN EN 14064-1
Air flow resistance Ξ	area 1: ≥ 5 (AF _r 5)	kPa · s/m ²	DIN EN 29053
	area 2: ≥ 20 (AF _r 20)	kPa · s/m ²	DIN EN 29053
Water vapor diffusion resistance factor	MU1		DIN EN 12086
Mass per bag	16,6	kg	



www.blauer-engel.de/uz132

Information about declaration of performance (DoP) according to EU construction product regulation on www.ursa.de/Fachhändler.

Certified according to DIN EN ISO 9001, DIN EN ISO 14001 and DIN EN ISO 50001.

URSA mineralwool products are healthily classified as safe with the RAL-quality label "Erzeugnisse aus Mineralwolle" (Mineral wool products) tested and approved according to the industrial protection regulation, chemical regulation and EU-regulation (EC) No 1272/2008 .

While dealing with insulation material the following regulations need to be followed: 1. Industrial safety regulations of the BAuA after TRGS 521, issue 02-2008
The instruction of the BG Bau concerning "handling mineral wool insulation" (glass-wool, stone-wool), effective since 04-2015

The technical data reflects our current level of knowledge and experience.

The described application fields can not consider special circumstances of an individual case and is made without accountability.

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Application area 1

Exposed thermal insulation material, e.g. loft insulation

Bulk density 20-25 kg/m³, 10% settlement

Nominal thickness after settlement (mm)	Minimum installation thickness (mm)	Thermal resistance R _D (m ² ·K/W)	Minimum surface weight (kg/m ²)	Minimum bags usage (bags per 100 m ²)
100	111	2,8	2,2	13,4
110	122	3,1	2,4	14,7
120	133	3,3	2,7	16,1
130	144	3,6	2,9	17,4
140	156	3,9	3,1	18,7
150	167	4,2	3,3	20,1
160	178	4,4	3,6	21,4
170	189	4,7	3,8	22,8
180	200	5,0	4,0	24,1
190	211	5,3	4,2	25,4
200	222	5,6	4,4	26,8
220	244	6,1	4,9	29,5
240	267	6,7	5,3	32,1
260	289	7,2	5,8	34,8
280	311	7,8	6,2	37,5
300	333	8,3	6,7	40,2

Application area 2

Space filling thermal insulation material e.g. timber frame, pitched roof

Bulk density 30-40 kg/m³, no settlement

Frame thickness (mm)	Thermal resistance R _D (m ² ·K/W)	Minimum bags usage (bags per 100 m ²)
60	1,8	10,8
80	2,4	14,5
100	2,9	18,1
120	3,5	21,7
140	4,1	25,3
160	4,7	28,9
180	5,3	32,5
200	5,9	36,1
220	6,5	39,8
240	7,1	43,4
260	7,6	47,0
280	8,2	50,6
300	8,8	54,2
320	9,4	57,8
340	10,0	61,4
360	10,6	65,1
380	11,2	68,7
400	11,8	72,3