

PUREFLOC FRAME

Designation code: MW EN 14064-1-S1-WS-MU1



White mineral blowing wool

- ✓ Composed by +99% natural or recycled materials, including +60% recycled glass.
- ✓ Without binders.
- ✓ Non-combustible.
- ✓ Water repellent.
- ✓ European technical approval ETA 18/0889.

Application areas

- Wood and metallic frames.
- Timber frame.
- Cold roof.
- Warm roof.

TECHNICAL CHARACTERISTICS

OPEN BLOWING

SPACE FILLING

Thermal conductivity λ_D	EN12667	0.036	0.034 W/(m·K)
Density range		20–25	30–40 Kg/m ³
Short term water absorption	EN 1609	< 1	< 1 Kg/m ²
Fire reaction (Euroclass)	EN 13501-1	A1	A1
Settlement	EN 14064-1 EAD 040729-00-1201	10%	S1 (< 1%) SC0
Water vapour diffusion	EN 12086	MU1	MU1
Air flow resistance	EN 29053	≥ 10 (AFr10)	≥ 20 (AFr10) kPa · s/m ²
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Performance chart for open blowing in ceilings or between beams,
Bulk density 20–25 Kg/m³, settlement under impact vibration ≤ 10%

THERMAL RESISTANCE R_D (m·K)/W	NOMINAL THICKNESS AFTER SETTLEMENT (mm)	MINIMUM INSTALLATION THICKNESS (mm)	MINIMUM SURFACE WEIGHT (kg/m ²)	MINIMUM BAGS USAGE (per 100 m ²)
2.8	100	111	2.0	12.0
3.10	110	122	2.2	13.3
3.30	120	133	2.4	14.5
3.60	130	144	2.6	15.7
3.90	140	156	2.8	16.9

THERMAL RESISTANCE R_D (m·K)/W	NOMINAL THICKNESS AFTER SETTLEMENT (mm)	MINIMUM INSTALLATION THICKNESS (mm)	MINIMUM SURFACE WEIGHT (kg/m ²)	MINIMUM BAGS USAGE (PER 100 m ²)
4.20	150	167	3.0	18.1
4.40	160	178	3.2	19.3
4.70	170	189	3.4	20.5
5.00	180	200	3.6	21.7
5.30	190	211	3.8	22.9
5.60	200	222	4.0	24.1
6.10	220	244	4.4	26.5
6.70	240	267	4.8	28.9
7.20	260	289	5.2	31.3
7.80	280	311	5.6	33.7
8.30	300	333	6.0	36.1
8.90	320	356	6.4	38.6
9.40	340	378	6.8	41.0



Performance chart for space filling application in timber frame or pitched roof,
bulk density: 30-40 kg/m³

THICKNESS (mm)	THERMAL RESISTANCE R_D (m·K)/W	MINIMUM BAGS USAGE (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

Logistic information

PRODUCT NAME	CODE	KG/BALE	BALES/PALLET	KG/PALLET	PALLET DIMENSIONS
URSA PUREFLOC FRAME XS	2145350	16.6	26	431.6	110 x 110 x 245



www.blauer-engel.de/uz195

