

Block

Sheep's wool insulation 14kg/m³

Light and inexpensive sheep's wool felt made from and contains 100% pure sheep's wool

Fitted with pesticide-free tested wool protection **lonic Protect**[®]; permanence test in accordance with CUAP/EAD, Nature Plus certificate, ETA; no foreign supporting fibers or mesh

Good sound absorption properties for resonance chamber damping in floors and ceilings

Very good heat insulation properties for floor and ceiling structures

Very good water absorption characteristics and very good moisture characteristics in moisture-imperious structures with increased risk of condensate formation

Hygroscopic, yet hydrophobic

Particularly suitable for all floor, ceiling and joist insulations and installation situations in which the insulation may be loose on a substructure.

Application:

Tie-beam ceiling, top floor ceiling, floor, log planks

Handling:

Cutting to length can be done manually without tools. Place the insulation rolls between the joists and fix laterally by stapling them

Additional Uses:

Healthy ambient air thanks to the air-cleaning action of sheep's wool

Pleasant indoor climate thanks to the moisture-regulating action of sheep's wool

Technical Data:

Bulk density:	14	kg/m ³						
Heat conductivity λ_{10tr} .*	0,042	W/mK						
Coefficient of vapor diffusion resistance μ :	1							
specific heat capacity c:	1760	J/kgK						
length-based current resistance r:	0,9	kPa*s/m ²						
Flammability class:**	E s1, do			BKZ in CH: 5,3				
Degree of sound absorption: ***	f [Hz]	125	250	500	1000	1250	2000	4000
	α_s	0,27	0,39	0,55	0,61	0,65	0,70	0,75

*MA 39 - VFA 2007 - 0120.03 **MA 39 - VFA 2007 - 0668.01 ***Quiring Consultants RB - 7152001/09 - 1

Art.Nr.: SD BLO 14



Included in shipment:

Form of delivery: Rolls in micro-perforated plastic bags

Sheep's wool insulation BLOCK 14 kg/m ³	Ordering thickness in cm	Length in cm*	Width in cm*								
			PU = 3 pcs.		PU = 2 pcs.			PU = 1 pc.			
SD BLO 14	16	300	30	40	50	60	65	70	80	90	120
SD BLO 14	14	300	30	40	50	60	65	70	80	90	120
SD BLO 14	12	600	30	40	50	60	65	70	80	90	120
SD BLO 14	10	600	30	40	50	60	65	70	80	90	120
SD BLO 14	8	600	30	40	50	60	65	70	80	90	120
SD BLO 14	6	900	30	40	50	60	65	70	80	90	120
SD BLO 14	5	900	30	40	50	60	65	70	80	90	120
SD BLO 14	4	900	30	40	50	60	65	70	80	90	120
SD BLO 14	3	900	30	40	50	60	65	70	80	90	120

* Prices and special sizes on request/Delivery time according to delivery schedule or on request

Ecological parameters of ISOLENAWOLLE:

Use of non-renewable **primary energy** without the non-renewable primary energy carriers used as raw material (**PENRE [MJ, lower calorific value]**)

23,44 MJ / kg

Global warming potential Sum of GHG emissions and CO₂ storage (**GWP₁₀₀ total**)

0,83 kg CO₂-equiv. / kg

Acidification potential of soil and water (AP)

4,63E-03 kg SO₂-equiv. / kg

Potential for the formation of tropospheric ozone (**POCP**)

8,04E-04 kg C₂H₄-equiv. / kg

Eutrophication potential (EP)

2,08E-03 kg PO₄³⁻-equiv. / kg

We reserve the right to make technical changes and correct errors.