

Klemmfilz

Sheep's wool insulation 30kg/m³

Stable 100% pure sheep's wool needle felt needled throughout

Compact high-performance insulation for unusual requirements

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

Excellent sound absorption properties for acoustic ceilings or rooms with increased acoustic requirements such as music rooms, rehearsal rooms, lecture halls, classrooms etc.

Excellent heat insulation properties for structures with increased requirements for heat insulation due e.g. to limited installation thickness

Very good moisture characteristics in moisture-impervious structures with increased risk of condensate formation, hygroscopic but hydrophobic

Application:

Wall, acoustic ceiling, service cavity, cavities with increased acoustic demands, tie-beam ceiling, roof, top floor ceiling, facade, floor, wood frame construction

Handling:

Place the insulation rolls in the walls from bottom to top by fixing them with staples.

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:	30 kg/m ³						
Heat conductivity λ_{totr} :* *****	0,0339 W/mK						
Coefficient of vapor diffusion resistance μ :	1-2						
specific heat capacity c:	1760 J/kgK						
length-based current resistance r:**	10,2 kPa*s/m ²						
Flammability class:***	E s1, do			BKZ in CH: 5,3			
Degree of sound absorption: ****	f [Hz]	125	250	500	1000	2000	4000
	α_s	0,44	0,60	0,78	0,98	1,08	1,14

*MA 39-VFA2036.02/1998 **Quiring Consultants P-841-2001/1-1 ***MA 39-VFA 2001-0995.01 ****Quiring Consultants RB-715-2001/09-1 *****EMPA 52014007437

Art.Nr.: SD KF 30 / SD PRE 30



Included in shipment:

Form of delivery: Rolls in micro-perforated plastic bags

Sheep's wool insulation KLEMMFILZ 30 kg/m ³	Ordering thickness in cm	Length in cm*	Width in cm*								
			PU = 3 pcs.		PU = 2 pcs.			PU = 1 pc.			
SD KF-30	8	400	30	40	50	60	65	70	80	90	120
SD KF-30	6	600	30	40	50	60	65	70	80	90	120
SD KF-30	5	600	30	40	50	60	65	70	80	90	120
SD KF-30	4	600	30	40	50	60	65	70	80	90	120
SD KF-30	3	600	30	40	50	60	65	70	80	90	120
SD PRE-30	8-30		/	/	/	60	65	70	/	/	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.