



Premium

Sheep's wool insulation 20kg/m³

High-volume, compact and convenient elastic insulation rolls, the best solution for high insulation thicknesses

Shorn sheep's wool needle felt needed throughout, without adhesive fibers or bonding agents

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

Excellent heat insulation properties for structures with increased requirements for heat insulation

Very good moisture characteristics for moisture-impervious structures with increased risk of condensate formation

Hygroscopic, yet hydrophobic

The best solution for high insulation thickness in roofs, walls, floors or ceilings. As primary structure with wooden posts or wooden slats on otherwise non-insulated masonry etc.

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

Application:

Tie-beam ceiling, roof, top floor ceiling, wall, facade, floor, wood frame construction

Handling:

Cutting to length can be done manually without tools. Insert the insulation rolls from bottom to top and fix the sheep's wool to the rafters by stapling it laterally.

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

Suitable for especially high insulation thickness thanks to new technology

Saves on installation time

Technical Data:

Bulk density:	20	kg/m ³
Heat conductivity λ_{totr} :*****	0,0359	W/mK
Coefficient of vapor diffusion resistance μ :	1	
specific heat capacity c:	1760	J/kgK
length-based current resistance r:**	4,1	kPa*s/m ²
Flammability class:***	E s1, d0 BKZ in CH: 5,3	
Degree of sound absorption ****	f [Hz]	125 250 500 1000 2000 4000
	α_s	0,43 0,47 0,68 0,76 0,86 0,95

*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 *****Plasterboard 12mm thickness, punching 18/18 - 5mm diameter | ISOLENA Optimal (40mm) | 60mm rear ventilation *****EMPA 52014007437

