



# Comfort Sheep's wool insulation 14kg/m<sup>3</sup>

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

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

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-impervious 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 <sup>3</sup>							
Heat conductivity $\lambda_{tot}$ *:	0,042 W/mK							
Coefficient of vapor diffusion resistance $\mu$ :	1							
specific heat capacity c:	1760 J/kgK							
length-based current resistance r:	0,9 kPa*s/m <sup>2</sup>							
Flammability class:**	E s1, do				BKZ in CH: 5,3			
Degree of sound absorption: ***	f [Hz]	125	250	500	1000	1250	2000	4000
	$\alpha_s$	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