

LOOSE WOOL

Product data sheet



Item number
Density
Raw material
Application

5 kg: LO500500BR24, 10 kg: LW100100BR24
Density of 18 kg/m³ is sufficient
100% wool sustainable, durable, recyclable, without synthetic additives
Window- and hollow space insulation, Wooden construction



PRODUCT DESCRIPTION

- **Carded wool fleece** for filling joints and cracks between beams, walls and hollow spaces on windows and doors.
- Darning wool is also suitable for **roof windows** in the roofing frame.



WOOL PROTECTION

- **IONIC PROTECT®** biocide-free wool protection, long-term tested by EAD/CUAP standards and patented procedure.
- Is a slight alteration of the molecular protein structure of the wool fibre through a **plasma-ion treatment**. This specific process is unique as it permanently prevents the wool from being a nutritional source for wool parasites.
- Through the wool protection, our products have an **unlimited shelf-life**.



INSTALLATION

- Fill up the hollow spaces with a scrapper or spread the loose wool fleece manually.

PROPERTIES



Sheep wool insulation



Air purification



Humidity regulation



Sound insulation
Fire protection



Sustainable



Wool protection



FORM OF DELIVERY

DIMENSIONS

5 or 10 kg per packaging unit (PU)

Article	Thickness (mm)	Width (mm)	Lengths (mm)	Item/PU	kg/PU	PU/Pal	kg/Pal
LW05	-	-	-	1	5,00	22	110,00
LW10	-	-	-	1	10,00	18	180,00

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TECHNICAL DATA

European technical approval	ETA-07/0214
Nature Plus®	0103-1006-099-1
Thermal conductivity λ_{tr}	0,038 W/mK
Vapour diffusion resistance factor μ	1
Specific heat capacity c	1760 J/kgK
Fire behaviour according to EN 13501-1 from 18 kg/m ³	D-s2, d0; CH: RF3
Mould growth intensity according to EN ISO 846	0



ECOLOGICAL PARAMETERS

Compliant with the NaturePlus® Life cycle assessment **ISOLENA**

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 Total of GHG emissions and CO ₂ storage (GWP 100 total)	0,83	kg CO ₂ -equiv./kg
Acidification potential of soil and water (AP)	4,63E-03	kg SO ₂ -equiv./kg
Potential for the formation of tropospheric ozone (POCP)	8,04E-04	kg C ₂ H ₄ -equiv./kg
Eutrophication potential (EP)	2,08E-03	kg PO ₄ ³⁻ -equiv./kg

