

WINDOW FILLER (UN-)TIED

Product data sheet



Item number
Density
Raw material
Application

FB-20000BR24 tied, FBU10000BR24 untied
30 g/lm and 30 kg/m³
100% wool sustainable, durable, recyclable, without synthetic additives
Window- and joint insulation, Doors Wooden construction

PRODUCT DESCRIPTION

- **Carded wool band** for insulating and filling hollow spaces in window and door frames, as well as 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

- Quick and easy installation.
- Fill in the window filler with a scraper. Through the high filling volume the hollow spaces are ideally insulated, the sheepwool fills up any hollow space.

PROPERTIES



Sheep wool insulation



Air purification



Humidity regulation



Sound insulation
Fire protection



Sustainable



Wool protection

FORM OF DELIVERY

	Article	g/lm	Thickness (mm)	Width (mm)	Lengths (mm)	lm/PU	PU/Pal	lm/Pal
1	FB-20000BR24 tied	30	-	-	200.000	200,00	18	3.600
2	FBU10000BR24 untied	30	-	-	100.000	100,00	36	3.600

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TECHNICAL DATA

European technical approval	ETA-07/0214
Nature Plus®	0103-1006-099-1
Thermal conductivity λ_{tr}	0,033 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
Sound reduction index	$R_{sw}(C; Ctr) \geq 62$ (-2; -5) dB



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

