

Product description: Groove insulation strips FDS

Area of application:	Insulation material for dimensionally stable grooves, e.g. for the installation of windows and doors that have heat and sound insulating characteristics. The product is easily compressible to allow insulation of grooves with various widths. Simply press the FDS into the groove. The product has to be protected from wetness and can only be installed in weather-protected areas.
Nominal gross density:	30 - 50 kg/m ³
Product composition:	80% short flax fibres, 10% thermo-mechanically treated potato starch, 10 % fire protection equipment (sodium octaborat)
Origin:	Agricultural product
Declared value of thermal conductivity:	$\lambda_D = 0,038 \text{ W/mK}$
Reaction to fire:	Class E according to EN 13501-1
Diffusion resistance:	$\mu=1$
Resistance:	resistant against rot, insect infestation, and mould
Characteristics:	Provides a permanent clamp and seal effect in the groove. No swelling, shrinkage, or fumes. The product poses no health-risk during production, installation, or end use.
Environmental sustainability:	The insulation material is made primarily of flax fibres: This is a renewable product that has a low energy demand during production. The product is 100% recyclable as well as compostable.
<u>Product range</u>	
Width:	30 mm and 60 mm
Length:	625 mm
Thickness:	40 mm
Specific dimensions:	The product is cut and delivered on request to ensure that thickness, width, and length comply with the customers needs
Forms of delivery:	single packets or 10 packets per palette
Packing:	30 mm 146,25 running meters per carton 60 mm 73,12 running meters per carton
Sales and distribution:	through specialized building material traders
Producer:	Flachshaus GmbH, Germany

please turn

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Storage and handling: FDS insulation strips must be stored and handled in a dry environment only. For installation simply take the strip out of the packaging, press it into the groove (if necessary cut to size manually), if the groove is small separate the strip in the middle; if the groove is wide arrange several strips side by side and press them into the groove.

The general information given in this product description reflects the present state of our knowledge and experience. Unless otherwise explicitly agreed upon, this information cannot be used as an assurance in legal circumstances. Our knowledge and experience develops continuously, so please make sure that you are using the latest version of our product description. Any description of product application cannot be considered relevant to all circumstances or each individual case. Please always ensure that our products are suitable for the intended application. Please be aware that all our products are delivered following our general terms of sales and delivery. If you require any further information please do not hesitate to contact us.

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