

# SOLITEX UM connect

Four-layer roofing underlay with 3D separation layer and butyl self-adhesive strip



## Technical data

		Substance
Protective and covering fleece		Polypropylene microfibre
Membrane		monolithic TEEE
Attribute	Regulation	Value
Colour		anthracite
Surface weight	EN 1849-2	420 ± 10 g/m <sup>2</sup>
Thickness	EN 1849-2	8,0 ± 0,5 mm
Water vapour resistance factor $\mu$	EN ISO 12572	6
MVTR		0.25 ± 0.1 MN-s/g
Fire behaviour	EN 13501-1	E
Exposure time		1 months
Water column	EN 20811	10 000 mm
Water resistance un-/aged*	EN 1928	W1 / W1
Tensile strength MD/CD	EN 12311-1	220 ± 15 N/5 cm / 185 ± 15 N/5 cm
Tensile strength MD/CD aged*	EN 12311-1	185 ± 15 N/5 cm / 160 ± 15 N/5 cm
Elongation MD/CD	EN 12311-1	60 ± 20 % / 70 ± 20 %
Elongation MD/CD aged*	EN 12311-1	40 ± 20 % / 50 ± 20 %
Nail tear resistance MD/CD	EN 12310-1	130 ± 30 N / 135 ± 30 N
*) Artificial ageing by long term	EN 1297 / EN 1296	passed
Flexibility at low temperature	EN 1109	-40 °C
Temperature resistance		-40 °C to +100 °C
Coefficient of thermal conductivity		0.17 W/m·K
CE labelling	EN 13859-1	available

## Area of application

SOLITEX UM connect is suitable for ventilated or unventilated structures in combination with any type of roofing or façade materials such as titanium zinc, aluminium, stainless steel, galvanised steel, copper etc.. Spun-bonded membranes increase the safety of the structure and are therefore recommended by leading metal roof manufacturers. The 8 mm thick 3D separation layer made of PP fabric underlay protects the roof covering from moisture build-up and provides sound insulation against the noise of rain or hail.

## Forms of delivery

Art. no.	GTIN	Length	Width	Contents	Weight	PU	Container
12739	4026639127396	25 m	1.5 m	37.5 m <sup>2</sup>	15 kg	1	10



The information provided here is based on practical experience and the current state of knowledge. We reserve the right to make changes to the recommended designs and processing or to make alterations due to technical developments and associated improvements in the quality of our products. We would be happy to inform you of the current technical state of the art at the time you use our products.

Further information about the application and construction can be found in the pro clima planning documentation. For queries please call the pro clima technical hotline on +49 (0)6202 278245.

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