



Technical Data:

Material	Product	
fleece	fleece PP microfiber fleece	
membrane	polyethylene copolymer	
reinforcement	PP	
Characteristic	Test standard	Value
colour	-	white-transparent
surface weight	DIN EN 1849-2	110 g/m ²
temperature resistance	-	-40°C to +80°C
μ	DIN EN 1931	37,500
thickness	DIN EN 1849-2	0.2 mm
mvtr-value mean / humidity variable	DIN EN 1931	37.5 MNs/g / 1.25-50 MNs/g
fire class	DIN EN 13501-1	E
fire safety classification	VKF	5.3
nail tear resistance	DIN EN 12311-2	350 N/5 cm / 290 N/5 cm
tensile strength MD / XD	DIN EN 12311-2	15 % / 15 %
nail tear-out resistance MD / XD	DIN EN 12311-2	240 N / 200 N
durability	EN 1296 / EN 1931	passed

Carries the CE mark in accordance with DIN EN 13984.

Applications:

Can be used as a vapour check and airtightness membrane for all externally diffusion-open structures, e.g. with roof underlay (pro clima SOLITEX), softwood fibreboard or MDF board. For a high level of protection against moisture induced failures in structurally challenging constructions such as diffusion-resistant flat/pitched roofs. Also suitable in extreme environments such as in high mountain regions. Further information is given in the study "Calculating potential freedom from structural damage of thermal insulation structures in timber-built and steel systems"

Delivery Form:

Mat. No.	EAN	Roll length	Roll width	Roll area	Roll weight	PU	PU/Pallet
10093	4026639011237	20 m	1.50 m	30 m ²	4.5 kg	1	42
10092	4026639011244	50 m	1.50 m	75 m ²	10 kg	1	20
10076	4026639011992	50 m	3.00 m	150 m ²	18 kg	1	20
12222	4026639122223	50 m	3.00 m (folded in 1.60 m)	150 m ²	18 kg	1	20

Features/advantages:

The all-rounder amongst vapour checks with an especially high mvtr-value in any climate, with an effective variability of the diffusion resistance ranging from 1.25 MNs/g up to over 50 MNs/g. In the winter it has a higher diffusion resistance => higher protection against moisture, in the summer it has a lower diffusion resistance => extremely high level of drying = maximum protection against structural damage. Suitable for all fibrous insulating materials.

- ✓ Maximum protection for the insulation
- ✓ Ideal prevention against structural damage and mould, even in the event of unexpected moisture intrusion
- ✓ Extremely high humidity-variable diffusion resistance in any climate spanning a very wide range (x40)
- ✓ mvtr-value > 50 MNs/g in a winter climate
- ✓ mvtr-value = 1.25 MNs/g back-diffusion capacity in summer
- ✓ Very low coefficient of expansion when used with blown insulation

System Products:

TESCON VANA: adhesive tape; TESCON No.1: adhesive tape; ORCON F: joint adhesive glue

The information provided here is based on practical experience and the current state of knowledge. We reserve the right to make changes to the recommendations given 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 application and construction is given in the pro clima planning documentation and application recommendations. If you have any questions, please call the pro clima technical hotline Ireland and UK:
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