

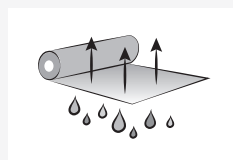
CLIMA CONTROL 80



Membrane with variable diffusion

Vapour check polyamide (PA) film with polypropylene (PP) reinforcing layer

FR DTU 31.2 frein- vapeur	CH SIA 232 V.v.u.	DE ZVDH fv.	IT UNI 11470 D/R1
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VARIABLE DIFFUSION

Variable resistance to vapour diffusion: maximum protection for walls and excellent security in insulation



ENERGY RECONDITIONING

Ideal to increase energy performance for packages and solutions for reconditioning of existing structures



TRANSPARENCY

Easy to install thanks to its transparent quality; controls the passage of water vapour based on climate and humidity

DID YOU KNOW THAT...?

HYGROMETRIC PROPERTIES

The special PA film gives the product the ability to adapt to the hygrometric conditions of the building. If the membrane comes into contact with high humidity levels, it transforms from a vapour barrier into a breathable product, guaranteeing that the structure remains dry.

CODES AND DIMENSIONS


code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
CLIMA80	D15402	CLIMA CONTROL 80	-	1.5 x 50	75	81

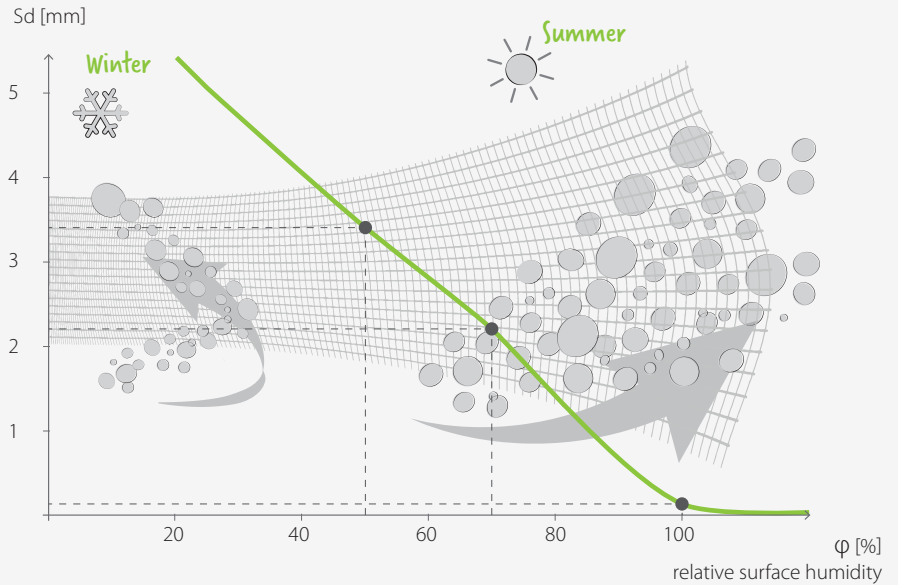
WHERE CAN IT BE APPLIED?





 Offers maximum security even in the case of interstitial condensation or when internal insulation is applied

 Serves as a vapour stop during the winter (low humidity) and is breathable in the summer (high humidity)



TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	80 g/m ²
Thickness	EN 1849-2	0.2 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 12572	0.2 - 5 m
Maximum tensile force MD/CD	EN 12311-2	120 / 90 N/50 mm
Elongation MD/CD	EN 12311-2	50 / 50 %
Resistance to tearing MD/CD	EN 12310-2	40 / 40 N
Watertightness	EN 1928	conforming
Temperature resistance	-	-20 / +80 °C
Reaction to fire	EN 13501-1	class E
Resistance to penetration of air	EN 12114	< 0.002 m ³ /m ² h50Pa
Water vapour resistance:		
• after ageing	EN 1296	conforming
• alkaline water	EN 13984	npd
Thermal conductivity (λ)	-	0.2 W/mK
Specific heat	-	1700 J/kgK
Density	-	approx. 400 kg/m ³
Water vapour resistance factor (μ)	-	approx. 1000 - 25000
Joint strength	EN 12317-2	npd
Impact resistance	EN 12691	npd
VOC emissions	-	0 % (class A+)

COMPOSITION



① top layer: vapour check PA film

② bottom layer: non-woven PP fabric