

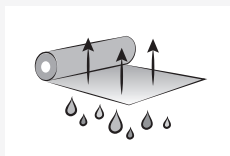
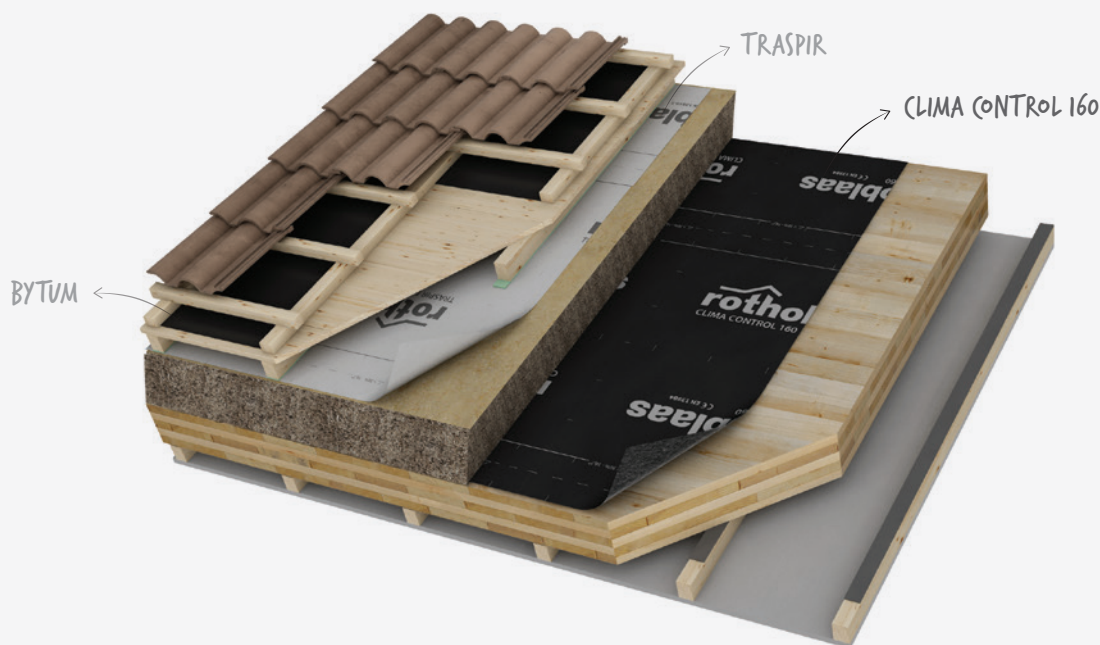
CLIMA CONTROL 160



Membrane with variable diffusion

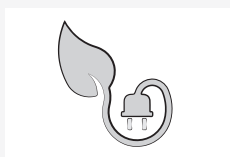
Vapour check polyamide (PA) film with double polypropylene (PP) reinforcing layer and reinforcing grid

FR DTU 31.2 frein- vapeur	CH SIA 232 V.v.o. V.v.u.	DE ZVDH fv.	IT UNI 11470 B/R2
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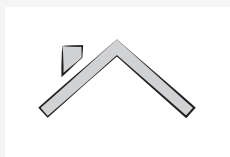
VARIABLE DIFFUSION

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



APPLICATION ON ROOFS

Thanks to the layers of coating and its mass per unit area, it is suitable for installation to cover boarding

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/
CLIMATT160	D15412	CLIMA CONTROL 160 TT	TT	1.5 x 50	75	30

WHERE CAN IT
BE APPLIED?

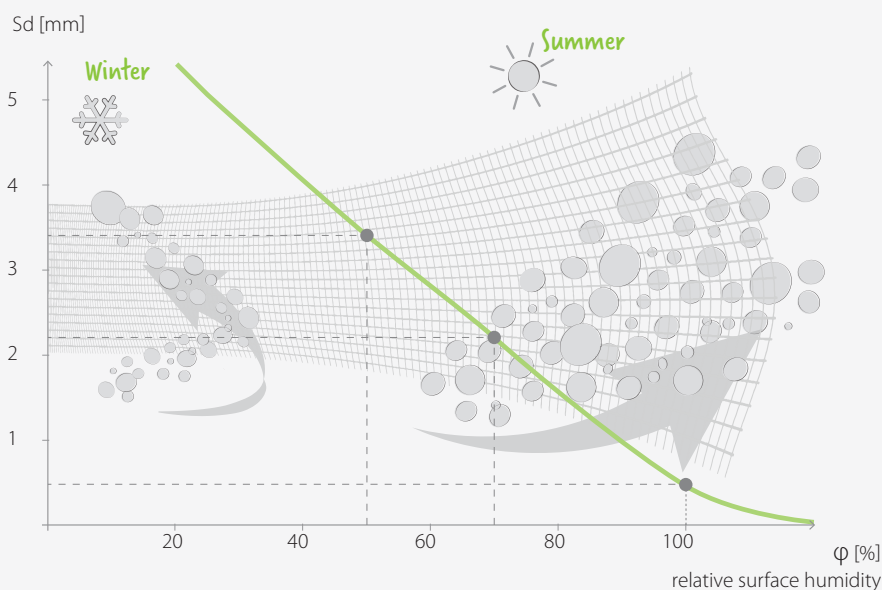




Protects the building during construction, releasing excess humidity.
Serves as a vapour stop when work is complete



Is breathable when internal relative humidity is too high, and serves as a vapour stop when internal humidity is at suitable levels

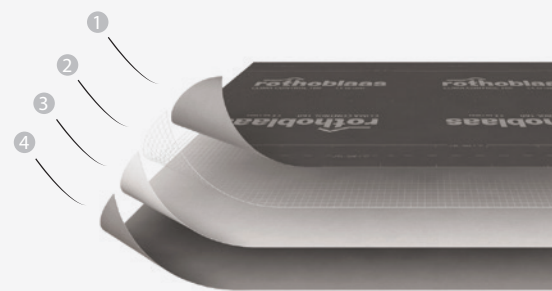


TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	160 g/m ²
Thickness	EN 1849-2	0.5 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931	0.5 - 5 m
Maximum tensile force MD/CD	EN 12311-2	325 / 230 N/50 mm
Elongation MD/CD	EN 12311-2	10 / 10 %
Resistance to tearing MD/CD	EN 12310-2	225 / 225 N
Watertightness	EN 1928	conforming
Water column	EN 20811	> 250 cm
UV resistance *	EN 13859-1	3 months
Temperature resistance	-	-40 / +80 °C
Reaction to fire	EN 13501-1	class E
Resistance to penetration of air	EN 12114	0.00 m ³ /m ² h50Pa
Water vapour resistance:		
• after ageing	EN 1296	conforming
• in the presence of alkalis	EN 13984	npd
Thermal conductivity (λ)	-	0.3 W/mK
Specific heat	-	1800 J/kgK
Density	-	320 kg/m ³
Water vapour resistance factor (μ)	-	approx. 1000 - 10000
Recommended installation pitch	-	> 10°
Joint strength	EN 12317-2	> 200 N/50 mm
Impact resistance	EN 12691	npd
VOC emissions	-	0 % (class A+)

* for more indications, see page 19

COMPOSITION



- ① top layer: non-woven PP fabric
- ② reinforcing layer: reinforcing PE grid
- ③ middle layer: vapour check PA film
- ④ bottom layer: non-woven PP fabric