

BARRIER 40

Air vapour barrier 40 m

Vapour check polythene (PE) film and reinforcing grid



FR
DTU 31.2
pare -
vapeur

CH
SIA 232
V.v.u

IT
UNI 11470
D/R2



Reinforcing layer for improved performance

Ideal for blowing

Highly transparent to make installation easier

TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	110 g/m ²
Thickness	EN 1849-2	0.2 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931	40 m
Maximum tensile force MD/CD	EN 12311-2	220 / 190 N/50 mm
Elongation MD/CD	EN 12311-2	15 / 15 %
Resistance to tearing MD/CD	EN 12310-2	155 / 145 N
Watertightness	EN 1928	conforming
Temperature resistance	-	-20 / +80 °C
Reaction to fire	EN 13501-1	class F
Resistance to penetration of air	EN 12114	< 0.02 m ³ /m ² h50Pa
Water vapour resistance:		
• after ageing	EN 1296	conforming
• in the presence of alkalis	EN 13984	npd
Thermal conductivity (λ)	-	0.4 W/mK
Specific heat	-	1800 J/kgK
Density	-	approx. 500 kg/m ³
Water vapour resistance factor (μ)	-	approx. 182000
Joint strength	EN 12317-2	npd
Impact resistance	EN 12691	npd
VOC emissions	-	0 % (class A+)

COMPOSITION



- 1 top layer: PE film
- 2 middle layer: reinforcing PE grid
- 3 bottom layer: PE film

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
BAR40	D32202	BARRIER 40	-	1.5 x 50	75	80

WHERE CAN IT
BE APPLIED?

