



XEAL SM

Technical Datasheet



Waterproof membrane protects floors and walls under tile installation, acting as a reliable barrier against water, vapor, and weather effects.

PERFORMANCE SUMMARY

High water and vapor resistance ensures long-term surface protection.

Flexible and tear-resistant with strong elongation in both directions.

Vapor diffusion value ensures breathability control.

Thin and lightweight for easy installation.

Zero wind permeability provides airtight coverage.

PHYSICAL PERFORMANCE

PROPERTIES	TEST METHOD	UNITS	RESULTS	TOLERANCE
Weight per unit area	EN 1849-2	gr/m ²	280	Min: 279 / Max: 285
Thickness	EN 1849-2	mm	0.04	-
Reaction to fire	EN 13501-1	Class	F	-
Water resistance	EN 1928	Class	W1	-
Property of propagating water vapor (sd)	EN 12572	mm	83	-
Maximum tensile strength (MD)	DIN EN ISO 527-3	N/15 mm	87	Min: 85 / Max: 88
Maximum elongation by tension (MD)	DIN EN ISO 527-3	%	80	Min: 78 / Max: 88
Maximum tensile strength (CD)	DIN EN ISO 527-3	N/50 mm	43	Min: 41 / Max: 48
Maximum elongation by tension (CD)	DIN EN ISO 527-3	%	110	Min: 92 / Max: 120
Air pressure	-	Bar	3	-
Water resistance (pressure)	DIN EN 1928	Bar	1.5	-

PHYSICAL PERFORMANCE

PROPERTIES	UNIT	VALUE
Resistance against heat	°C	-5 to +90
Resistance against UV rays	Hours	500
Water column	mm	2.2
Wind permeability	-	0 (Impermeable)

KEY BENEFITS

Superior Waterproofing

Tested under 1.5 bar pressure for leak resistance.

Durable in Harsh Conditions

Performs in temperatures from -5°C to +90°C.

UV Stable

500-hour resistance ensures outdoor performance.