



XEAL NW

Technical Datasheet



MATERIAL COMPOSITION

Substrate: Modified polyester non-woven

Coating: Thermoplastic elastomer, ageing-resistant

APPLICATION:

High-performance joint sealing tape designed for use with tiles or natural stones in flexible waterproofing of expansion joints. Suitable for medium to high loads in non-pressurized wet areas—indoors or outdoors (e.g., bathrooms, balconies, terraces).

TECHNICAL SPECIFICATIONS

PROPERTIES	RESISTANCE	
	after storage over 7 days by room temperature	
Hydrochloric acid 3%	Internal	+
Sulphuric acid 35%	Internal	+
Citric Acid 100g/l	Internal	+
Lactic Acid 5%	Internal	+
Potassium Hydroxide 3%/20%	Internal	+ / 0
Sodium Hypochlorite 0,3g/l	Internal	+
Salt Water 20g/l Sea Water Salt	Internal	+

+ = RESISTANT 0 = WEAKENED - = NON RESISTANT

PHYSICAL PROPERTIES (APPROX.)

PROPERTIES	DIN	VALUE
Burst pressure: max.	Internal	3,0 bar
Breaking load longitudinal	DIN EN ISO 527-3	103 N / 15 mm
Breaking load lateral	DIN EN ISO 527-3	39 N / 15 mm
Extension break longitudinal	DIN EN ISO 527-3	28%
Extension break lateral	DIN EN ISO 527-3	146%
Power absorption at 25% Elasticity lateral	DIN EN ISO 527-3	0,8 N / mm
Power absorption at 50% Elasticity lateral	DIN EN ISO 527-3	1,0 N / mm
Resistance to water pressure	DIN EN 1928 (Version B)	> 1,5 bar
UV Resistance: min.	DIN EN ISO 4892-2	500 h

COLOR

Light grey (Other colours available on request as per RAL chart)

TOTAL WIDTH / COATING WIDTH

120 mm / 70 mm (Other widths available on request)

TOTAL THICKNESS (APPROX.)

0.63 mm

MATERIAL WEIGHT (APPROX.)

29 g/m

TEMPERATURE RESISTANCE

-30°C to +90°C

LENGTH PER ROLL

50 meters