



XEAL NWE

Technical Datasheet



APPLICATION AREAS

Ideal for waterproofing joints and penetrations under tile in wet areas, indoors or outdoors.

XEAL NWE is a high-performance joint sealing fabric with a flexible core that absorbs movement in construction joints. It provides durable, watertight protection even under stress or shifting conditions.

TECHNICAL SPECIFICATIONS

PROPERTIES	RESISTANCE <small>after storage over 7 days by room temperature</small>	
Hydrochloric acid 3%	Internal	+
Sulphuric acid 35%	Internal	+
Citric Acid 100g/l	Internal	+
Lactic Acid 5%	Internal	+
Potassium Hydroxide 3%/20%	Internal	+ / +
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	Internal	3.0 bar
Tensile Strength (Longitudinal)	DIN EN ISO 527-3	154 N / 20 mm
Tensile Strength (Lateral)	DIN EN ISO 527-3	46 N / 20 mm
Tear Resistance (Lateral)	EN ISO 527-2	48 N/mm
Tear Resistance (Longitudinal)	EN ISO 527-3	52 N/mm
Shore Hardness	ISO 868	70 Shore A
Peel Strength	DIN 16860	>20 N/10mm
Service Temperature	SIA V280/34	-30°C / +90°C
Density	-	38 g/m ²
Maximum Elongation (Long.)	DIN EN ISO 527-3	%31
Maximum Elongation (Lat.)	DIN EN ISO 527-3	%505
Water Pressure Resistance	DIN EN 1928	>1,5 bar
UV Resistance (Min.)	DIN EN ISO 4892-2	500 hours

COLOR

Grey
(Custom shades available)

WIDTHS AVAILABLE

120 mm / 70 mm / 30 mm
(others on request)

TOTAL THICKNESS (APPROX.)

0.71 mm

MATERIAL WEIGHT (APPROX.)

38 g/m²

TEMPERATURE RESISTANCE

-30°C to +90°C

ROLL LENGTH

50 meters