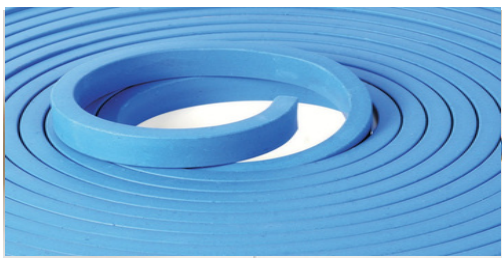
PRONIL ACR 900

Technical Data Sheet

PRODUCT DESCRIPTION



Pronil ACR is a new generation high performance acrylic polymer based expanding tape. It expands up to 900% when in contact with water. In a totally dry state, Pronil ACR will shrink to it's original installation dimension and re-expand on wetting. Pronil ACR is used in concrete construction for the sealing of construction joints including wall to base connections, pipe entry systems, sealing of openings and interface sections between existing and new concrete. Pronil ACR is easily stored in it's original moisture-proof wrap in cool, dry conditions away from sunlight.

ADVANTAGES

Conformable, can be used on a variety of irregular substrates. Forms an impermeable barrier against water in concrete. Excellent compliance with deformed surfaces and joints. Saves time and labour. Easy to apply. Simple overlap jointing on site. No hardening time required. No welding required. Swells in salt water.

STANDARD SIZES

05 mm x 20 mm 20 metres roll 140 metres in the box
10 mm x 20 mm 10 metres roll 70 metres in the box
20 mm x 25 mm 5 metres roll 25 metres in the box

TECHNICAL DATA

The increase in volume was measured when specimens were immersed in tap water at 23°C over a 28 day period. Recovery volume was measured when the specimens were removed from the solution and air dried over a 28 day period. This method was repeated over three cycles. The percentage change in volume calculations are all based on the initial volume.

Application Temperature: -10°C / 50°C
Density: 1,40 g/cm³
Shore: 50

The expansion rating is affected according to $CaCO^3$ and salt content. Contains no traces of Bentonite.

Day 7 **≥900%** Wet/dry difference **≥900%**
Water pressure resistance (14 days): **7 bar**
Colour: Blue

Elongation Break
(TS ISO 37, Rubber Plate, Type 1, 5 specimens, Pulling speed: 500mm/min., Conditioning 23°C-50%, Median value: 553%, Date: 15.10.2019)

Tensile Strength
(TS ISO 37, Rubber Plate, Type 1, 5 specimens, Pulling speed: 500mm/min., Conditioning 23°C-50%, Median value: 2.1 MPa, Date: 15 10 2019)

INV. NO		Test Date	01.12.2002
Material	Hydrophilic Rubber W aterstop	C.O.A. No	DIN 011221-01
Product Code	ACT9001020	Pack Size	10mm x 20mm
Customer	DIN BROTEHRS	Length	5 CM

The increase in volume was measured when specimens were immersed in **5% salt content water** at 23°C
The percentage change in volume is all based on the initial volume.

Color: BLUE

	ACR900 HYDROPHILIC	
	Gram	%
01.12.2021	10	0
Hour 6	13,4	34
DAY 1	19,2	192
DAY 2	25,6	256
DAY 3	34,4	344
DAY 7	43,6	436
DAY 15	45,3	453

Observation to the samples throughout testing that there was no degradation of the material throughout the 15 days duration of the test.

Pronil İzolasyon Ltd. Sti.
03 /01 /2022

PRONİL İZOLASYON LİMİTED ŞİRKETİ

Test No: T1-61007

SELF-ADHESIVE OPTION
Product Description: Double Side Acrylic Adhesive Clear PET Tape
Good initial tack and peel adhesion with very strong holding power by laminating to Foams, Rubbers, and Felts with wide range of working temperature performance. Complies RoHS directives – Regulation (EC) No. 1907/2006 & 1272/2008.

TECHNICAL DATA (SELF-ADHESIVE)
Adhesive: High Tackified Solvent Based Acrylic (Modified Version)
Backing: Clear Polyester (PET)
Total Thickness: 205 mic. (+/- %5) --> without liner
Adhesion Strength on Steel: 28 N / 25mm (+/-3) (accor. to AFERA 5001)
Application Temperature: +10°C - +30°C
Working Temperature: -40°C , +130°C (short term: +145°C)
Release Liner: White Glassine Paper Liner
Width: 1240 mm (net usable width) **Length:** 50 mt
Please ask for different widths which we can rewind into any

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