

SOPRASWELL NG

TECHNICAL DATA SHEET

ANZ-TDS-49-SOPRASWELL NG



ACCESSORY
PRODUCTS

APPLICATIONS

FOUNDATIONS

TUNNELS

UNDERGROUND STRUCTURES

DESCRIPTION

SOPRASWELL NG is a red hydrophilic rubber waterproofing strip of 20 x 10 mm or 30 x 20 mm.

SOPRASWELL NG is simply fastened onto an existing joint. In contact with water and in confined conditions, SOPRASWELL NG will swell and stop the water infiltration.

SOPRASWELL NG remains consistent in its performance throughout its life cycle and the flexibility allows it to fill voids and cracks in the immediate surrounding area.

Ecologically friendly

Easy to install by nailing or gluing

Permanently active system "wet/dry cycles"

High flexibility and swelling capacity

FIELD OF APPLICATION

- Tunneling
- Foundations
- Other civil works

APPLICATION

SUBSTRATE

- Clean all surfaces from dust, oil patches and other debris by brushing or compressed air.

APPLICATION

- Unroll SOPRASWELL NG in the middle of the joint and press firmly to make sure the strip is in contact with the surface, SOPRASWELL NG needs to be in full contact with the substrate surface.
- SOPRASWELL NG needs to be fixed to the surface by gluing or nailing (every 30cm).

NOTE

- SOPRASWELL NG only functions in confined spaces where it can develop sufficient internal pressure to guarantee the complete waterproofing of joint or crack.
- There should be a minimum concrete cover of 6cm on either side of the strip, this to avoid the concrete to chip of when the strip expands
- Avoid installing the strip during heavy rain or on wet surfaces. This can result in premature swelling of the strip
- Avoid stretching the strip during installation.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.



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PROPERTIES

PROPERTIES	STANDARDS	SOPRASWELL NG
Roll dimensions	-	20 mm x 10 mm x 80 m
Cold Bending(-20°C*2h)	GB/T 18173.3 - 2014	No cracks
Hardness (Shore A)		45 ±7
Tensile Strength		≥ 3 MPa
Elongation at break (%)		≥ 350
Volume Expansion ratio (%)		≥ 400
Repeated immersion test ;		≥ 2 MPa
-Tensile Strength		≥ 250
-Elongation at break (%)		≥ 300
-Volume Expansion ratio (%)		

STORAGE AND HANDLING

SOPRASWELL NG should be stored under cover, clear of the ground. Protect the materials from all sources of moisture and frost. Keep away from sunlight. Keep away from acid, alkalis, oil, organic solvent. Storage temperature must be between 5°C and 30°C. Shelf life is unlimited in correct storage conditions.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, their representative and/or the contractor are responsible for checking the suitability of products for their intended use.



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