



# MAXCEL®

## POLYETHYLENE FOAM JOINT BACKING ROD

### DESCRIPTION

**MAXCEL®** is a closed cell, circular polyethylene foam profile obtained by continuous extrusion, for the application of sealants in joints.

### APPLICATION FIELDS

- **MAXCEL®** is used as backing and depth control filler for expansion or waterproof joints that will be later sealed, between the same or different construction materials.
- It can be used as a complement for sealing joints in structural concrete walls, pre-fabricated concrete elements, joints in pavements with sealants of the range **MAXFLEX®** or **MAXJOINT® ELASTIC**.

### ADVANTAGES

- Easy to work with because of their low weight.
- Adequate compression resistance allowing good application of the sealing material.
- No water absorption because of its closed cell structure.
- Its higher density superficial layer provides the profile with good mechanical resistance, not hindering its workability.
- Especially appropriate as backing for joints to be sealed with silicones, polysulphides, polyurethanes, polyacrylates, etc.
- In the joints constructed with **MAXCEL®**, the lack of adhesion of the sealing

material to the polyethylene makes the stress at the joint appear exclusively perpendicular to the joint, with no stress on the backing.

- Convex surface.

### APPLICATION INSTRUCTIONS

#### Application

The application of **MAXCEL®** profiles is very simple. It is compressed lightly against the borders of the joints, afterwards **MAXCEL®** is placed a depth required using for that a suitable tool.

The diameter of the section will be chosen keeping in mind that they should be compressed around 25 %, so that once placed in the joint, they are fixed perfectly and do not move when the sealing material is applied.

### IMPORTANT INDICATIONS

- Do not place **MAXCEL®** using sharp tools which could damage the surface.
- Do not use on **MAXCEL®** sealing materials at temperatures above 70 °C, such as molten bituminous fillers.
- For other uses not specified in this Technical Bulletin consult our Technical Department.

## PACKAGING

**MAXCEL**<sup>®</sup> is supplied with different diameters with circular section.

Diameter(mm)	Length per carton.
6	2.500 mts./reel
10	1.150 mts./reel
15	550 mts./reel
20	350 mts./reel
25	200 mts./reel
30	160 mts./reel
40	300 mts. l in 2 m pieces
50	200 mts. l in 2 m pieces
<b>Dimensions of the box/reel:</b>	550 x 550 x 600 mm
<b>Dimensions of the box/pieces:</b>	2050 x 415 x 620 mm
<b>Tolerances in length, (m)</b>	diameter 40 mm diameter 50 mm
	1,96 - 2,04 1,96 - 2,04

## STORAGE

**MAXCEL**<sup>®</sup> can be stored indefinitely in its unopened package, in a dry and covered place. Protect against direct sunlight or heat sources.

## SAFETY AND HEALTH

For further information, Safety Data Sheet of **MAXCEL**<sup>®</sup> is available by request. Disposal of the product and its empty containers must be made by the final user and according to official regulations.

## TECHNICAL DATA

Characteristics of the product	
Apparent density (kg/m <sup>3</sup> )	40 (*)
Traction resistance lengthwise (kg/cm <sup>2</sup> )	400 (*)
Traction resistance perp. to length (kg/cm <sup>2</sup> )	310 (*)
Elongation lengthwise (%)	15 (*)
Elongation perpendicular to length (%)	8 (*)
Tear resistance lengthwise (kg/cm)	108 (**)
Tear resistance perpendicular to length (kg/cm)	60 (**)
Elasticity (%)	10 (*)
Dimensional stability	Excellent
Resistance to deformation	Good
Thermal stability, (° C)	From -40 to 60
Water absorption	Nule

(\*) Test ASTM D-1564-71

(\*\*) Test ASTM D-624-71

## GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO**<sup>®</sup>, **S.A.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.



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ISO 9001  
ISO 14001

BUREAU VERITAS  
Certification



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