

Cellrod

Closed cell polyethylene backing rod



Description

Cellrod is a closed-cell polyethylene foam cord, non-absorbent and rot proof. Cellrod holds in position between both sides of the joint to help with tooling of the sealant and improve sealant contact with joint side to facilitate good adhesion.

Applications

Cellrod enables the correct width to depth ratio of the sealing slot to be maintained and provides a firm backing for the sealant to be tooled.

The use of Cellrod acts as a bond breaker at the base of the joint thus preventing three-sided adhesion and the accompanying additional stress during joint movement.

Advantages

- ▲ Rot proof and non-absorbent.
- ▲ Available in different sizes.
- ▲ Readily compressible.
- ▲ Acts as bond breaker and minimizing strain for joint sealants.
- ▲ Provides a firm backing for sealant tooling.
- ▲ Easy to install.
- ▲ Economical.

Standards

Cellrod complies with ASTM C1330, Type C and ASTM D5249, Type 3.

Method of Use

Cellrod diameter should be greater than the joint width by 20% to 25%. This will insure that it is held in position and the joint width/depth ratio is maintained.

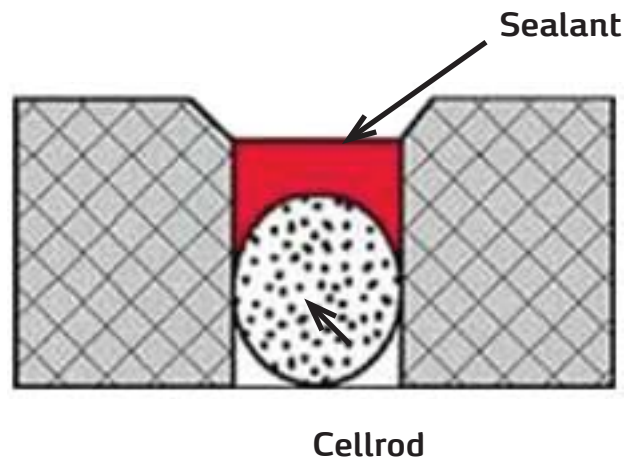
Cellrod cords may be installed by pushing to fit into joints.

Packaging

Cellrod cords are available in the following diameters (6, 10, 15, 20, 25, 30, 40, 50 and 60 mm).

Technical Properties:

Density: ASTM D792	0.04 g/cm ³
Cell size: ASTM D3576	0.82 mm
Water absorption: ASTM D570	0.08 mg/cm ²
Elongation at break: ASTM D638	60%
Shore A Hardness: ASTM D2240	20 ± 5
Service temperature:	-20 to 100°C
Application temperature:	-5 to 100°C
Service life:	+ 20 years
Moisture permeability: ASTM D570	0.5 g/cm ² @ 24 hr
Thermal conductivity: ASTM D5930	0.0406 w/m ²
Permanent compression set: (100 KGF/cm ²)	1 – 2%



Storage

Store under cover away from heat sources.

Cellrod

Cautions

Health and Safety

There are no health hazards associated with Cellrod in normal use.

For further information refer to the Material Safety Data Sheet.

Fire

Cellrod is combustible and will burn if exposed to flame or other sources of ignition.

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- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
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