

Celdex EPDM Soft (EP-4530)

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Description:

Celdex EPDM Soft (EP-4530) is a soft semi-closed rubber. EPDM Soft is used as a high quality sealant in various joints in buildings and industry. The soft material allows EPDM Soft to be used on uneven grounds. EPDM Soft (EP-4530) is self-adhesive and available on roll, reel and die-cut in the colour black.



Characteristics:

- semi-closed EPDM rubber
- single-sided self-adhesive (acrylic)
- available on roll, reel and die-cut
- can be easily compressed
- excellent sealing qualities
- very durable
- available in black



Technical data:

Density	+/- 64-128 kg/m ³
Colour	Black
Adhesive	Acrylic
Required compression	50%
Watersealing	U-test at 70% compr.
Pressure for compression	6,9 kPa (25% compr.)
Compr. set 50%, 22h/23°C	< 5% (ASTM D1056)
22h/70°C	< 40%
Service temperature range	-50°C to +120°C
Application temperature	+10°C to +40°C
Fire resistance	FMVSS 302 passed
Elongation at break	Min. 175%
UV-resistance	Good
Chemical resistance	Resists dilute acids and alkaline
Thickness	3mm
Joint types	Flat, parallel Flat, non-parallel
Storage/shelf life at 20°C	1 year in closed package

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Application

Celdex EPDM Soft (EP-4530) should be applied with equal pressure on the surface. EPDM Soft (EP-4530) should be compressed for 50 to 70% to ensure a high quality thermal-, water-, acoustic- and airsealing. Use the proper width for each joint. Clean the surface with our neutral Celdex Cleaner and apply the EPDM Soft (EP-4530) without stretch. Ensure that the EPDM Soft (EP-4530) is compressed for 50 to 70% to prevent leakage. Foamtapes should be applied approximately 5mm inside the joint. When stored in closed package at 20°C, Celdex EPDM Soft (EP-4530) can be stored for 12 months. Keep away from direct sunlight.

Safety

EPDM Soft (EP-4530) does not require specific safety guidelines.

Maintenance

Damage to the product should be noticed in time by periodic inspections. Restoration work should take place in consultation with Celdex, before consequential damages have emerged. Before restoration work takes place, Celdex should be notified and the cause of the damage should be investigated. By visual inspection of the damage or by laboratory research Celdex can examine the damage and the cause of it.

When in doubt

When in doubt or in need of advice please contact the Technical Department of Celdex. We will gladly provide you with a custom made solution.

Celdex

Celdex produces a wide range of foam materials, used in construction, industry and sports & leisure.

High quality, flexibility, customization and over 30 years of experience with foam materials are amongst our key strengths. Discover the many possibilities of our products:

- Foam fillers
- Stone wool foam fillers
- Non-adhesive and self-adhesive foams
- Pre-compressed foams
- Butyl tapes
- Fire resistant sealants
- Tapes
- Vibration damping foams
- Polyurethane foams, silicones and glues



Data on this sheet is as complete and accurate as possible, but offers no guarantees. Please consult one of our specialists when in doubt. Celdex cannot be held responsible for damages caused by incorrect usage of its products. Deliveries will only take place in agreement with our General Terms and Conditions.