

ACS JOINT BAND EP®

EPDM Based Dilatation Band



■ Description

ACS JOINT BAND EP® is a black dilatation band which has high elasticity, is thermoplastic based, can be used in insulation of cracks, dilatation gaps, expansion joints, is produced in accordance with DIN 7864 standard, it shows resistance in atmospheric conditions and resistance to chemical materials in water and salt, has high UV resistance. Ethylene, propylene, monomer - based.

■ Place of usage

- In the dilatation and joint sections under the ground in the bases and curtains.
- Isolation of wide and irregular cracks in the buildings.
- Can be applied inside and outside.
- Permanent wet areas like pool.
- Horizontal and vertical dilatation in building applications.
- Feature of implementation in concrete, plaster, screed, epoxy and cement-based repair mortar, wood, steel plate, aluminium, CTP, epoxy, natural and artificial stone etc.

- Water structures (Drinking water, waste water treatment, water deposits, and pools).
- Terrace, balcony, parapet and roof joints.
- In the joint insulation in the wall.
- Exterior facades, balconies, terraces, wet areas, parapet walls, building fittings and extrusions, concrete pipes, water-carrying containers, swimming pool wastewater units.
- The dilatations and joints that remaining under the soil.
- Junction points of different construction materials like reinforced concrete and steel construction.

■ Advantages

- UV resistant.
- Gasoline and oil resistant.
- The property of high elasticity to 500%.
- Can be connected with heat.
- Easy applied with epoxy adhesive.
- High performance in different temperature ranges (-40 + 120 °C) the ability to connect to each other.
- Resistant to plant roots.

TECHNICAL CHARACTERISTICS

Chemical Properties	EPDM Dilatation Band
Color	Black
Service Temperature	-40°C, +120°C
Elongation at Break	%500
Tensile Strength	> 8 Mpa
Resistance Against Water Pressure	7- 9 bar
Tear Strength	> 82 N/mm
Static Load Resistance	> 14 kg
Water-tightness	> EN 1928W1
Ozone Resistance	> EN 1844 High
UV Resistance	> EN 1844 High
Sulfuric Acid Resistance	> High

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BAND MEASURES

150/1 mm EPDM Dilatation	15 cm x 1 mm	x 25 mt roll
200/1 mm EPDM Dilatation	20 cm x 1 mm	x 25 mt roll
250/1 mm EPDM Dilatation	25 cm x 1 mm	x 25 mt roll
300/1 mm EPDM Dilatation	30 cm x 1 mm	x 25 mt roll
350/1 mm EPDM Dilatation	35 cm x 1 mm	x 25 mt roll
400/1 mm EPDM Dilatation	40 cm x 1 mm	x 25 mt roll
150/1,5 mm EPDM Dilatation	15 cm x 1,5 mm	x 25 mt roll
200/1,5 mm EPDM Dilatation	20 cm x 1,5 mm	x 25 mt roll
250/1,5 mm EPDM Dilatation	25 cm x 1,5 mm	x 25 mt roll
300/1,5 mm EPDM Dilatation	30 cm x 1,5 mm	x 25 mt roll
350/1,5 mm EPDM Dilatation	30 cm x 1,5 mm	x 25 mt roll
400/1,5 mm EPDM Dilatation	40 cm x 1,5 mm	x 25 mt roll

APPLICATION PROCEDURE / SURFACE PREPARATION

The surfaces to be applied has to be free of grease and debris. Surface defects should be corrected with epoxy repair mortar. For best results, air should be applied before applying the dilatation band to the sides of the dilatation. Layers that reduce adherence such as dust, oil, grease, dirt, paint, cement foam, rust, salt vomit must be thoroughly cleaned before application. The drying time of the adhesive may vary depending on the hot and cold weather conditions. Application should not be carried out at temperatures below + 5 °C.

PACKAGING

ACS JOINT BAND EP® is provided in 25 m rolls.

APPLICATION METHOD

ACS JOINT BAND EP®, with 8cm layer of EPDM ACS EPOKSI FIX® applied will form an epoxy adhesive area. The EPDM tape strip will be pressed onto these areas, providing epoxy penetration through the holes. 2 cm of the area should be concrete, 3 cm on the hole, 3 cm on the EPDM stripe.

SAFETY

During the application, work clothes, protective gloves, goggles and masks should be used in accordance with the Occupational Health and Safety Rules. Due to the irritating effects of uncured materials, the components should not be allowed to come into contact with the skin and the eye. In case of contact, immediately wash with plenty of water and soap. If swallowed, seek medical advice immediately. Food and beverages should not be left at the application areas. Keep out of reach of children. Please refer to the Material Safety Data Sheet for detailed information.



□ Responsibility

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. ACS A PLUS CONSTRUCTION SOLUTION YAPI ANONİM ŞİRKETİ is only responsible for the quality of the product. ACS A PLUS CONSTRUCTION SOLUTION YAPI ANONİM ŞİRKETİ is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones (06/2019)