

POLYFIX PEP

Filling profile for sealed joints

1. Product characteristics

POLYFIX PEP is a filling material on polyethylene PE basis in form of a polyethylene circular cords with closed cells. After the application defines the required joint depth and prevents the adhesion of the cement layer to a third side of the joint.

- permanently water resistant
- absolutely nonabsorbent
- permanently elastic
- highly resistant to aging
- easy application
- hygienically safe with no environmental impact

2. Use

POLYFIX PEP is used as a filling material in the interim, connection and expansion joints. It is suitable for both exteriors and interiors. Using **POLYFIX PEP** ensures a correct depth of the cemented joints so it would match the recommended sealant layer. **POLYFIX PEP** is particularly suitable for joints stressed with water or mechanically.

3. Physical and mechanical parameters

Color	non-standard grey
Bulk density (kg/m ³)	26 ± 2
Temperature resistance (°C) (permanently)	-65 to +90
Absorbability (% hm.)	1.5
Coefficient of thermal conductivity λ (W.m ⁻¹ K ⁻¹) (at 10 °C)	0.038
Flame spread index (mm/min.)	$i_s=0.0$ $v_s=0.0$

4. Test certificates

Continuous independent production quality control is provided by AZL 1687 LABBET®.

Supervision of Quality Management Systems, Environmental Relations and OSH is carried out by Certification Body No. 3029

5. Instruction for preparation

Base. The substrate surface must be dry, solid and coherent. All dust, grease and dirt must be removed from the surface. **POLYFIX PEP** cord application is very easy. The diameter of the cord shall be 25% bigger than the width of the sealed joint, so that **POLYFIX PEP** is well fixed in the joint. When applied to the bottom of the joint don't use a sharp tool to avoid damaging of the cord surface.

6. Specific consumption

1,005 m / m of joint, according to specific application.

7. Packing and storage

POLYFIX PEP is supplied in diameters of 6, 8, 10, 15, 20, 25, 30, 40 or 50 mm and 100 m in a roll. Store at a dry place. The shelf life of the product is unlimited.

8. Health protection at work

Handling the **POLYFIX PEP** material does not require any extraordinary hygienic precautions. Suitable protective equipment shall be used. In countries where regulation REACH (par. 33.1): EU regulation on chemicals and their safe use (REACH: EC 1907/2006) is valid, professional users and distributors must be provided with following information automatically and without request:

This product is subject to Regulation (EC) no. 1907/2006 (REACH). It does not contain any substances that could be released from product under normal or reasonably foreseeable conditions of use. Therefore, there are no registration requirements for substances in articles within the meaning of Article 7.1 of the Regulation.

Based on our current knowledge, this product does not contain SVHC (substances of very high concern) from candidate list published by the European Chemicals Agency in concentrations above 0.1% (w / w).

9. Waste disposal

During disposal of contaminated packages or clearing debris from product, it is necessary to follow the Act No. 185/2001 Coll. on waste, as amended.

10. Important notice

All information mentioned above, especially advice for processing and application of our products, is based on our knowledge from the development of chemical products and on years of experience with applications in practice at

standard conditions, and proper storage and use. Due to the differing conditions during processing, high count of products, varying nature and modifications of base and other external influences, the procedure based on the information provided or on other written or oral recommendations, may not always ensure satisfactory working results. BETOSAN s.r.o. assumes no liability for provided advice or recommendation. The applicator must prove that he submitted complete information on time and in writing which is necessary for a proper detailed assessment by BETOSAN s.r.o. The applicator must test the suitability of the products for the intended application. Proprietary rights of third parties, above all, must be taken into account. All received orders are subject to our current "General sales and delivery conditions". Please always make sure that you follow the most recent issue of the Technical Data Sheet. It is available, along with other information, at our Technical Department or at www.betosan.cz.

Technical Data Sheet No. 9-13
Issued 2.1.2019

CEMENTING, SEALING, INJECTION



BETOSAN s.r.o., Na Dolinách 28, 147 00 Praha, Czech Republic
Business and technical office Nová Cesta 291/40, 140 00 Prague 4, Czech Republic
Tel./fax.:+420 241 431 212, tel.:+420 241 431 215
E-mail: paha@betosan.cz, www.betosan.cz

