SERVICE-HOTLINE +49 375 2795 123

EasyPipe Adhesive

adhesive | pipe apertures | cable apertures | bituminous recoatable | POP



Short information

- practically shrink-free curing
- strong adhesive and sealant (POP mixed polymer)
- excellent ageing resistance
- good UV stability
- salt water resistant
- free of isocyanates, silicones and halogens
- bituminous recoatable (wet in wet)

Consumption

- 1 cartridge per EasyPipe or depending on application

Storage note

- store dry, as it is moisture-curing
- in originally sealed containers storable for 12 months

Complementary products

Priming
- BORNIT® Basic Primer
- BORNIT®-EasyPipe-Primer

Follow-up products
- BORNIT® EasyPipe

Content	Item	EAN code	Colour	sufficient for:
310 ml / cartridge 1 cartridge (310 ml) / box	6800000530	4 017228 00079 4	grey	1 EasyPipe



Areas of application

BORNIT® EasyPipe is used for secure sealing in accordance with DIN18533 W1-E, W2.1-E and W3-E at the penetrations of supply and disposal pipes through walls and ceilings. BORNIT® EasyPipe is installed wherever water may be present: outdoors in connection with the waterproofing layer. This prevents water from penetrating into the building components in the first place. It is effectively stopped beforehand. BORNIT® EasyPipe - the secure pipe sealing system can be used in new construction and especially in renovation, e.g. for irregular wall penetrations or defective annular space seals. The sealing of penetrations on flat roofs is possible without the otherwise necessary roof surface absorption. BORNIT® EasyPipe consists of two half shells made of ABS plastic with moulded-on half plates. The BORNIT® EasyPipe half-shells are placed around the pipe or cable and the integrated fastener is clicked together. The pipe sealing system is securely adhered to the wall or ceiling and the pipe by means of the supplied BORNIT® EasyPipe Adhesive. BORNIT® EasyPipe is tested by the MPA - pressure water-tight up to 2 bar (20 m water column).

Product data in brief

Product type	strong adhesive and sealant (POP mixed polymer)
Base	1C-MS polymer
Density at +20 °C	1.44 g/cmł
Application	commercially available cartridge gun
colour(s)	grey
Consistency	paste-like
Processing temperature (ambient and substrate)	+5 °C up to +35 °C
Processing time	skin formation after 25 minutes
Thorough hardening time	2 - 3 mm in the first 24 hours
storage	store dry, as it is moisture-curing
Shelf life	in originally sealed containers storable for 12 months
Hazard class according to ADR	none
Heat resistance	-40 °C up to +90 °C, briefly (approx. 2 hours) up to +130 °C
Flash point	93.3 °C
Watertight under pressure	2 bar
Movement absorption	max. 15 %
Vapour pressure at + 20 °C	< 100 hPa

Type and properties

6800000594 - outer pipe/cable diameter: 8 - 25 mm
6800000595 - outer pipe/cable diameter: 26 - 44 mm
6800000596 - outer pipe/cable diameter: 45 - 63 mm
6800000597 - outer pipe/cable diameter: 64 - 86 mm
6800000598 - outer pipe/cable diameter: 87 - 110 mm (DN100)
6800000599 - outer pipe/cable diameter: 111 - 125 mm (DN125)
6800000600 - outer pipe/cable diameter: 135 - 160 mm (DN150)
6800000530 - BORNIT® EasyPipe Adhesive

Advantages

·delivered in a complete installation set
·considerable time and cost advantage compared to annular gasket
·retrofitting possible
·UV-resistant
·gas-tight
·movement absorption due to flexible adhesive
·high mechanical load capacity, as made of ABS plastic
·critical area is mechanically protected by BORNIT® EasyPipe half shells
·easy sealing of off-centre wall openings, leaking mortar or oversized openings
·avoidance of processing errors through visual control during bonding
·sealing on the outside, not in the wall
·connection to the existing or to be created vertical or horizontal waterproofing surface. Can be combined with all waterproofing systems - BORNIT® bituminous membranes and all solvent-free BORNIT® waterproofing products
·can also be used on slightly damp substrates
·suitable for almost all cables and pipes
·hardly any preparatory work required
·installation without special tools
·MPA tested

Surface

The mineral as well as bituminous substrate must be clean, firm and stable as well as free from further contaminations (e.g. paint, oil, etc.). Loose particles must be removed. An improvement adhesion with mineral substrates may be achieved by priming with BORNIT® Basic Primer (not on the pipe or cable, resp.). Sanded bituminous sheeting must be flamed. Suitable substrates are in particular concrete, masonry, thick bitumen coating, and wood. Also applicable on further different substrates and waterproofing materials (comp. MPA certificate, please request).

Processing

BORNIT® EasyPipe must only be used together with the system primer and adhesive included (BORNIT® EasyPipe Primer and BORNIT® EasyPipe Adhesive). In addition, the safety data sheets of the system primer and adhesive must be observed!

Choose the BORNIT® EasyPipe with the required inner diameter according to the outer diameter of the pipe or cable, resp., based on the table. Prior to assembly of the BORNIT® EasyPipe, fix the pipe or cable, resp., protruding from the ceiling or wall in the area of the wall passage (e.g. with construction foam), since, upon assembly of the BORNIT® EasyPipe, the pipe must not move anymore.

Draw the outer outlines of the BORNIT® EasyPipe collar onto the substrate with one half as a template. (Figure 1)

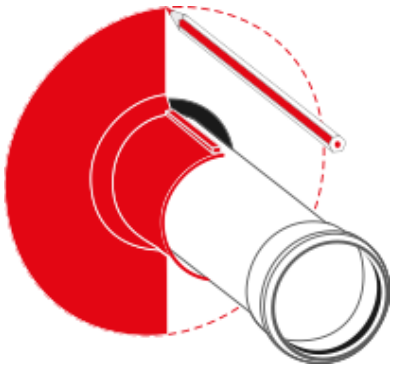


Figure 1

Prime all surfaces to be adhered (inside and surface facing the wall of the BORNIT® EasyPipe collar as well as the adhesion surfaces of the pipe to be enclosed) with BORNIT® EasyPipe primer using the pump spray method. The drying period is 10 minutes. (Figures 2 to 4)



Figure 2

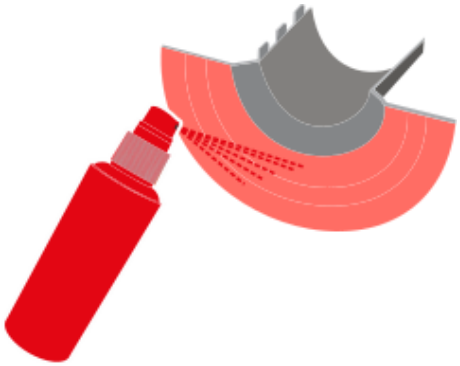


Figure 3

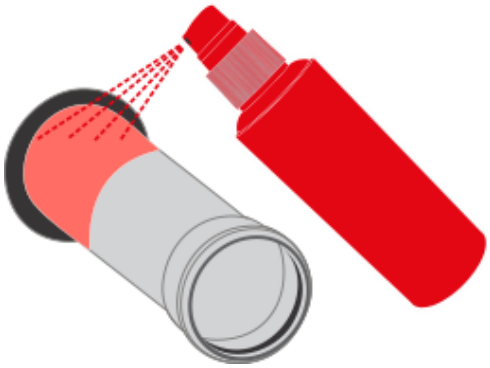


Figure 4

Leave the spray nozzle for the system adhesive at the smallest bulge thickness of 2 mm. Press the BORNIT® EasyPipe Adhesive into the entire groove junction (disk and pipe flange) of the two BORNIT® EasyPipe half-shells. (Figure 5)

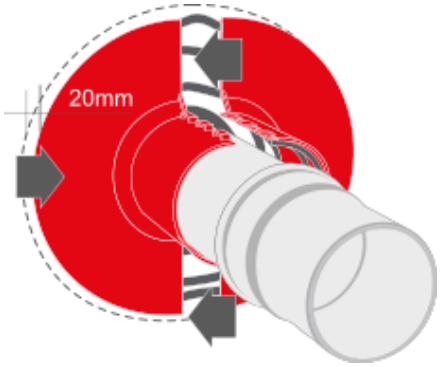


Figure 5

Now cut the spray nozzle of the cartridge to the required bulge thickness – to fill the space between pipe or cable, resp., and pipe collar (use plenty of material – when pressing the shells together, the adhesive bulges between pipe and half-shells must be squeezed flat around the circumference – apply the adhesive bulges up to the groove or tongue, resp.!). Provide the two half-shells with several adhesive bulges – the first adhesive bulge at the outer edge of the shaft – the second one approx. 2 cm below the first one – the third one above the 45 ° angle. (Figure 6)

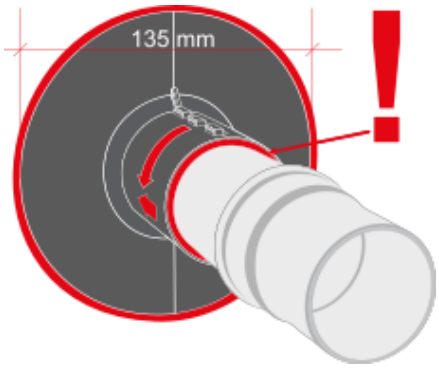


Figure 6

The adhesive strips must be applied on a stable substrate; if possible, with a uniform distribution on the disk of the EasyPipe half-shell (the outermost adhesive bulge must be just inside the marking in Figure 1). (Figure 7)



Figure 7

Connect the two half-shells around the pipe about 2 cm from the wall and click them together (Figure 8), then slide them towards the substrate in a slightly rotating fashion, so that an adhesive bulge exits at the disk edge and at the shaft of the BORNIT® EasyPipe Collar. In that, it must be observed that the half-shells are completely in contact with one another, in particular also in the disk area (Figure 9). In order to guarantee optimal adhesion, the parts to be adhered must be joined before the first skin has formed on the adhesive (skin-forming time).

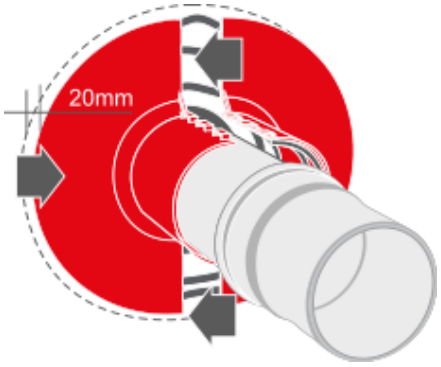


Figure 8

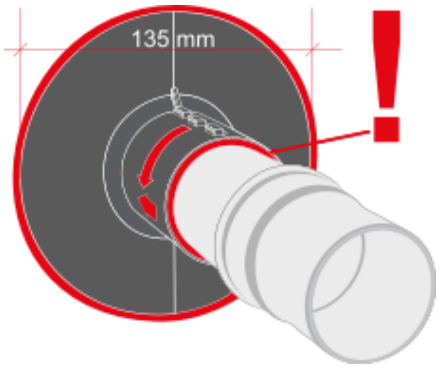


Figure 9

Smooth out the adhesive bulging out with a finger (use gloves included).

Consumption
1 cartridge per EasyPipe or depending on application

Health and fire protection, occupational safety
To ensure safe handling of the product, the physical, safety, toxicological and ecological information provided online, the information in the current safety data sheet and the additional information on the label must be read and followed before purchasing or using the product! The applicable regulations, ordinances and laws must be complied with.

In case of doubt, please contact the BORNIT® application technology department or the BORNIT® service hotline on +49 375 2795 123.

Warning notices

UN-number	Brak niebezpiecznego dobra w rozumieniu tych przepisów transportowych.
Hazard pictograms	
Hazard-determining components for labelling	N-(3-(Trimethoxysilyl)propyl)ethylendiamin, Trimethoxyvinylsilan, decanedioic acid, 1,10-bis (1,2,2,6,6-pentamethyl- 4-piperidinyl) ester, mixt. with 1-methyl 10- (1,2,2,6,6-pentamethyl-4-piperidinyl)
Recommended, personal protective equipment:	

Disposal note

Only recycle completely empty containers. Material residues can be disposed of according to AVV-ASN: 080410 (adhesive and sealing compound residues, except for those falling under 080409).

Note

This data sheet supersedes all previous technical information relating to the product. Such information is therefore no longer valid. The details have been compiled in accordance with the latest state of the art in application technology. Please note, however, that depending on the condition of the building, it may be necessary to deviate from the working methods recommended in this data sheet. Unless otherwise agreed in an individual contract, all information contained in this data sheet is non-binding and therefore does not constitute an agreed product specification. We reserve the right to make changes to the information contained in this data sheet at any time. We recommend that you check our website www.bornit.de for any updates.

The product illustrations are to be regarded as examples. No legally binding claim can be derived from them. We reserve the right to make changes to the product's appearance.

Our packaging complies with the relevant legal requirements and with Regulation (EU) 2025/40 on packaging and packaging waste (PPWR). The technical documentation in accordance with Annex VII is available and can be provided on request by emailing info@bornit.de.