

FLEX 2000 for sealing pipe and cable ducts



FLEX 2000 is a single-component vapour and waterproof sealing compound for reliable sealing of pipe and cable ducts below ground level. It ensures reliable sealing even when using materials with widely varying characteristics.

It is also suitable for leakage sealing in areas with inflowing water.



FLEX 2000

Technical specifications:

Article number:	120610
Chemical basis:	Polyolefin
Colour:	Grey
Consistency	Paste-like, non-sagging
Odour:	Odourless
Solvent content:	Solvent free
Bulk density:	1.6 g/cm ³ (DIN EN ISO 1183-1)
Weight:	0.94 kg/cartridge
Application temperature:	Approx. + 5°C to +35°C
Substrate temperature:	Approx. + 5°C to +35°C
Amount required:	Approx. 1.6 kg per litre void

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Gewerbegebiet Unterhaid · Im Maintal 13 · D-96173 Oberhaid · Tel.: +49 (0) 9503 5047-0 · Fax: +49 (0) 9503 5047-20 · info@mastertec.eu

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Test certificate / approvals:

Test report
MFPA Leipzig
No.: U / 5.1 / 08 – 043

Pressure water-tightness:

Up to max. 0.75 bar (7.5 m water column)

Pack:

Plastic cartridge 850 g

20 cartridges per carton

Storage:

Store in undamaged and unopened original packaging in a dry place out of direct sunlight.

Shelf life:

Approx. 2 years at 20°C

Disposal:

Can be disposed of at municipal waste landfill sites or waste incineration plants, taking into account the local waste disposal regulations.

Cleaning of tools:

With universal cleaner following use

Accessories:

Cartridge applicator
with flexible nozzle
Art. no.: 120620



Flexible nozzle
Art. no.: 120630



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Application:

FLEX 2000 is a non-hardening sealing compound for sealing media ducts, cavities, etc. against moisture and also pressurised water.

It does not dry and remains permanently malleable. **FLEX 2000** is vapour and waterproof and ensures effective adhesion to both dry and moist/wet substrates.

FLEX 2000 is also suitable for leakage sealing in areas with inflowing water.

Installation:

Preparation:

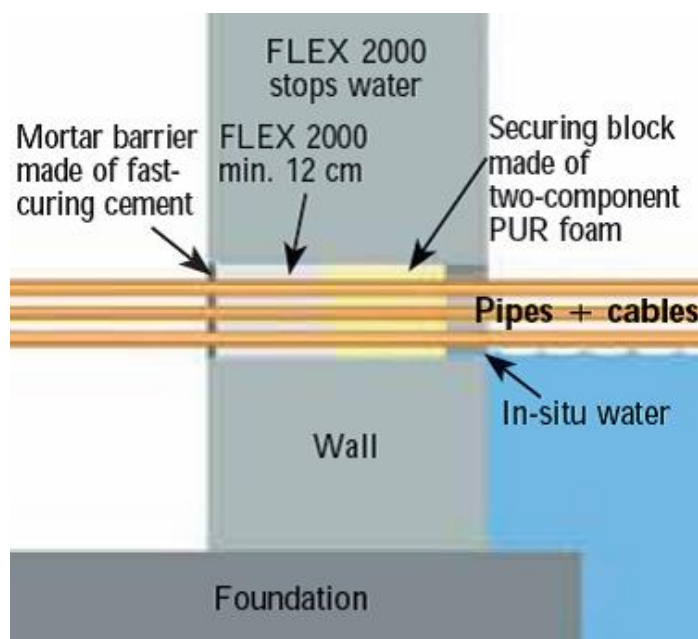
The substrate must be free from grease, tar, oil and loose particles.

Suitable substrates are: concrete, brick, mortar, plaster and all other mineral construction materials, as well as ceramics, PVC, polyethylene and polypropylene.

Prior to application, FLEX 2000 is warmed to approx. 30°C by placing in hot water to ensure optimum consistency and workability

Clean the inside of the duct using a suitable brush to remove dust, sand, and any loose particles.

Installation:



Before applying **FLEX 2000**, a securing block of a two-component PUR foam is applied in the duct at a depth of approx. 10 cm. The **FLEX 2000** cartridge is then inserted into the cartridge applicator and **FLEX 2000** paste injected into the annular gap of the two-component securing block, starting at the back and working towards the front. The layer must be at least 12 cm thick. After sealing cable ducts, jiggle the cables slightly and fill any cavities with **FLEX 2000**.

Always ensure that the cable is free of tension and strain after sealing.

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The sealing compound is then pressed in firmly and smoothed with a metal filler knife leaving a depression approx. 1 cm deep, which is sealed with fast-curing cement to additionally secure the mouth of the duct.

To feed through a new cable, the mortar cap is removed and the cable is pushed through the sealing compound. The duct is then re-sealed using **FLEX 2000**.



Inflowing water



Injection of FLEX 2000



Filling the annular gap



No more leakage



Smooth off excess sealant



Skim coat with fast-curing cement

Safety:

FLEX 2000 does not contain any hazardous substances and poses no problems whatsoever in terms of handling and application. To the best of our knowledge, it contains no substances that are harmful to groundwater or could trigger health problems or allergic reactions in the installer. Nonetheless, we recommend that an appropriate level of hygiene is observed during application and that hands are washed as a basic rule before meals.

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Basic principles:

All dimensions and information in this data sheet reflect the results of the laboratory tests that have been carried out.

Deviations from the values determined by us under laboratory conditions are possible due to environmental and operating conditions beyond our control.

The data in this data sheet only applies for the product delivered by us.

The product data corresponds only to the specifications in Germany. Possible country-specific deviations are not taken into account here.

Disclaimer:

The technical information reflects our current knowledge of FLEX 2000. It is intended only as information for users. As we do not know the envisaged applications and installation conditions, it is the responsibility of the user to carefully check that the product is fit for purpose. Due to the different components at the installation site and the in-situ working conditions, MASTERTEC cannot provide any guarantee whatsoever for the result of the work. Claims arising from any legal relationship can only be recognised in the event of wilful intent or gross negligence, irrespective of the statements made here or advice provided verbally. In this case the user must prove that he has provided MASTERTEC in writing with all the information required to correctly assess the installation situation in good time. Subject to necessary product specifications or further developments. By providing this information MASTERTEC does not intend to infringe third-party rights. The latest data sheet in each case applies. Our corresponding terms and conditions of sale and delivery apply.

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