

Swelling tape adhesive for bentonite swelling tape

Our **swelling tape adhesive** is a single-component adhesive for fixing bentonite swelling tape to a range of dry and dust-free substructures prior to concreting.



Swelling tape adhesive

The **swelling tape adhesive** is supplied as a soft paste in standard cartridges for use with standard cartridge applicators.

Technical Data:

Article number:	010050
Chemical basis:	Acrylate
Colour:	Black
Viscosity at 23°C:	Non-sagging paste
Application temperature:	+5°C to + 35°C
Temperature resistance:	-20°C to +80°C
Density at 23°C:	Approx. 1.65 g/cm ³
Amount required:	1 cartridge = approx. 8 metres
Skin-over time: At 23°C / 50% R.H.:	Approx. 5 – 10 mins.
Pack:	310 ml cartridge 20 cartridges per carton

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Storage:

At 23°C / 50% R.H.:

12 months when stored in undamaged and unopened original packaging. Storing for extended periods (several weeks) at higher temperatures/humidity, may reduce the product's shelf life/alter the product's material properties.

Disposal:

disposal must be in accordance with the pertinent national and local regulations. Hardened materials may be disposed of with regular household/commercial waste. Cartridges containing residual paste must be treated as hazardous waste.

Application:

Our **swelling tape adhesive for bentonite swelling tape** enables the surface-wide fixation of bentonite swelling tape to a concrete substructure, which prevents the tape from floating during concreting.

This adhesive is an alternative to swelling tape grids and nails.

It enables easy and reliable installation of swelling tape in difficult geometries, such as curved surfaces, level changes and hard to reach areas, etc.

Installation:

Just cut off the cartridge tip and screw on the nozzle, and the **swelling tape adhesive for bentonite swelling tape** is ready to use. The adhesive is soft, elastic and non-sagging and also offers excellent adhesion to matt damp* substructures.

(*) It will not adhere to wet surfaces.

Preparation of the substrate

Surfaces must be clean, free of dust/grease and sound.

Clean all soiled surfaces and ensure complete removal of any contamination and substances that may inhibit adhesion, such as release agents, preservation agents, grease, oil, dust, water.

Porous substructures must be mechanically cleaned, i.e. by removing any loose particles with a steel brush or a grinding wheel.

The surface must be sound. Absorbent mineral surfaces should be dampened with water to improve adhesion.

If used on non-porous and non-absorbent substructures (such as metal or plastic), and with integrated components or penetrations, the surface must first be cleaned with a commercially available cleaner and a clean cloth.

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Installation

Apply the **swelling tape adhesive for bentonite swelling tape evenly** using a manual or compressed-air applicator. The bead of adhesive should be sufficient that when the bentonite swelling tape is pressed into the adhesive bed, a small amount is squeezed out at the sides. This indicates that the swelling tape is in full-surface contact with the substructure.

The bentonite swelling tape must be pressed into the swelling tape adhesive before a firm skin starts to form. It is essential to ensure that the area is not exposed to rain or any other moisture prior to skin-over. The swelling tape adhesive will form a firm skin at normal temperatures (23°C, 50% R.H.). Any deviations in temperature or humidity may influence drying speeds

If the swelling tape adhesive is used on overhead surfaces, or if pipes need to be enclosed, additional securing measures will be required until the adhesive has hardened.

Do not use the swelling tape adhesive in temperatures below +5°C.

Safety:

If used according to the intended purpose, the **swelling tape adhesive for bentonite swelling tape** is largely physiologically safe. In case of direct eye contact, always wash with plenty of water for approx. 15 minutes and immediately seek medical attention. Always store the product in a cool, dry and well-aired room. The **swelling tape adhesive for bentonite swelling tape** must not be stored in the vicinity of foodstuffs.

As empty cartridges still contain residual amounts of the adhesive, they must be treated as hazardous waste and disposed of in accordance with the pertinent legislation.

Please refer to the relevant safety data sheet for further details on how to safely handle the **swelling tape adhesive for bentonite swelling tape**.

Disclaimer:

The technical information reflects our current knowledge of the swelling tape adhesive for bentonite swelling tape. 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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