



MASTER-MASTIC 37

Swelling paste, containing bentonite

MASTER-MASTIC 37 is a sealing compound consisting of sodium bentonite and a special binding agent formulation. It swells upon contact with water. The material dries fast, has a good adhesion to all common building substrates and an extraordinarily good structural performance of the swollen bentonite. It is supplied in the form of a soft, pastous compound in customary plastic cartridges and applied by using a cartridge applicator gun as it is used for the well-known joint compound.

Applications

MASTER-MASTIC may be used as an easy-to-handle substitute material for bentonite swelling tape. The swelling and therefore also the sealing effect corresponds to that of the well-known bentonite tapes. Application directly out of the cartridge is much easier and faster than the sometimes time-consuming installation of swelling tapes. Additional fixing aids are not necessary. In case of rough or uneven joint surfaces, MASTER-MASTIC 37 may also be used as a swellable, plastic levelling compound below the swelling tapes, which prevents water creep and minimizes installation work.

With MASTER-MASTIC 37 it is easy to securely waterproof pipe and cable ducts or distance sleeves as well as to achieve permanently waterproof jointing of butt joints of prefabricated elements.

In the case of dilatation joints with internal (centred) joint tapes, a partial filling of the joint gap on the upstream face with MASTER-MASTIC 37 can prevent infiltration. For this application the product is generously applied on both sides as a coating on the insulating material used as joint insert. Styrofoam, however, is not suitable.

Handling

Handling of MASTER-MASTIC 37 is very easy. After cutting off the tip of the cartridge and screwing on the nozzle the product is ready for use. The sealing dimension can be determined by the selected section when cutting the nozzle to size (adapts easily to the local conditions). The MASTER-MASTIC compound is soft plastic, non-sagging and fast-curing. Its adhesion to pale damp substrates is excellent. (It does not adhere to shiny wet substrates). The substrate must be free from dust and greasy or oily contamination.



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As all bentonite waterproofing products, MASTER-MASTIC 37 must be embedded in concrete or mortar or barred from unlimited swelling by using covers which have the effect of abutments. This is the only way to enable the bentonite to develop the swelling pressure required for sealing.

Notes on safety

Storage

Disposal

If used as intended, as a sealing compound for concrete joints, MASTER-MASTIC 37 is physiologically mostly harmless. The material contains flammable solvents with a flash point of $\leq 21^{\circ}\text{C}$ and is labelled accordingly. Fire and naked flame is to be avoided during use.

In case of direct eye contact with the paste, rinse the eye with large amounts of water for 15 minutes and see an ophthalmologist immediately afterwards

The product is to be stored in a cool, dry and well-ventilated place which is inaccessible to children. Avoid fire, naked flame and radiant heat in the storage room. MASTER-MASTIC 37 must not be stored together with food and is not suitable for consumption. Under these conditions, the product can be stored for min. 9 months.

Since the emptied cartridges may still contain some residue, they must be treated as special waste in accordance with the statutory regulations.

Further and detailed information about the safe use of this product can be gathered from the safety data sheet of MASTER- MASTIC 37.

Technical information

Supplied form	:Pastous sealing compound in cartridges
Filled in	:PE cartridges of 310 ml
Density	:approx. 1,5 kg/l
Colour	:dark grey
Sealing agent	:sodium bentonite
Swelling volume of the bentonite	:approx. 600 %
Extensibility	:n.a.
Labelling	:Flammable („F“) und Irritating (Xi)
Waste code no.	:55903

This technical information is based on our current state of knowledge of MASTER-MASTIC 37. It is only supposed to provide information to potential users. Since we do know the intended applications and conditions of use, the user is obliged to check the product thoroughly for its suitability for the intended use. It is not MASTERTEC's intention to infringe upon any rights of a third party.

