



AKTI-VO 201



**WATERSTOP - HYDRO-EXPANDING
MASTICS**



PRODUCT DESCRIPTION

AKTI-VO 201 is a high-performance hydro-expansive mastic for definitively sealing and waterproofing penetrations and cracks in general.

It is the most effective, resolute solution, through direct intervention on the water flow point.

PRODUCT APPLICATION

- To seal damage to reinforced concrete structures due to shrinkage
- To seal concrete, metal and plastic pipes embedded into the concrete
- To create seals, as long as confined, between prefabricated elements
- Watertight construction joints in reduced section structures
- To level surfaces and seals at the ends of the WT profiles (see the relative technical data sheets)
- Sealing of through-elements and holes in general of the AMPHIBIA membrane (see relative data sheet)

ADVANTAGES

- Resolute intervention on existing structures
- Also applicable on wet and very uneven surfaces
- It can support significant loads of water
- Practical and fast for accurate applications
- Easy and quick to use

PREPARATION AND APPLICATION

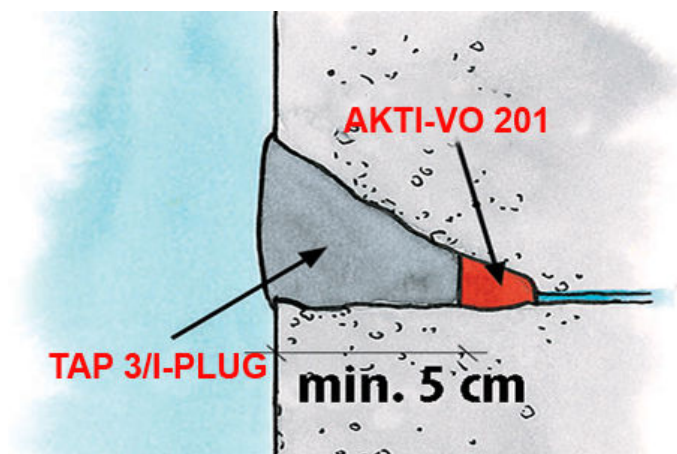
The preparation and installation data refer to normal environmental conditions (temperature +20°C; relative humidity 60%).

Clean the surface from any dust, loose parts and any other material that could compromise the adhesion of AKTI-VO 201.

Cut the tip of the cartridge according to the size of the curb to be applied along the engraved lines and then pierce the inner protection of the tip with a punch.

Load the cartridge into the gun and extrude AKTI-VO 201.

To seal cracks, place AKTI-VO 201 precisely on the line where the crack is made (see drawings), then confine AKTI-VO 201 with a thickness of at least 5 cm of SPIDY 15 / FIBROMIX 40 (see the relative technical data sheets), or TAP 3 / I-PLUG (see the relative technical data sheets) when applying in the presence of water.



References available at www.volteco.com

PACKAGING AND STORAGE

310 cc cartridge.

The products must be stored in a dry place protected from sun and humidity.

CONSUMPTION AND YIELD

AKTI-VO 201 cartridge produces a 3.10 m seal (10x10 mm).

Storage time 15 months.

PHYSICAL AND TECHNICAL SPECIFICATIONS

Specification		Values
Appearance		white color mastic
Specific weight		> 1 g/cc
Volumetric expansion in water		> 100%
Polymerization (at +20°C, 60% R.H.)		< 10 hours
Water tightness		1 atm
Parameters verified by third parties	Certifying body	Values
Hydraulic seal on 5 mm crack	MFPA Leipzig GmbH	5 Bar

The quoted data are obtained in a laboratory at +20 °C and 60% RH.

WATCH VIDEOS AND INSIGHTS

Safety Data Sheets

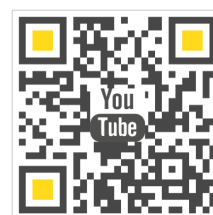
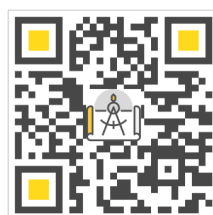
Declaration of
performance

Specifications

Technical
diagrams and
DOPs

EPD Declaration

YouTube Video



SAFETY

Appropriate training is required before industrial or professional use.
Refer to the related Safety Data Sheet.

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This document prepared by Volteco S.p.A. is provided as an aid and guideline for the buyer/installer.

This does not take into consideration the details of each single operational context, for which Volteco S.p.A. will not be held liable.

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It may vary and the installer is therefore required to update his/her information prior to each application by referring to www.volteco.com.

The above clarifications extend to the pre-post-sales technical/commercial information of the commercial network.