



# AKTI-SEAL 201



**WATERSTOP - HYDRO-EXPANDING  
MASTICS**



## PRODUCT DESCRIPTION

AKTI-SEAL 201 is a hydro-expansive adhesive sealant for the sealing and permanent waterproofing of 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

- High resistance to hydrostatic pressure
- A practical solution for localised repairs and spot maintenance, even on existing structures
- Also applicable on wet and very uneven surfaces
- Excellent workability thanks to its thixotropic consistency
- Easy and quick to use
- Solvent-free formulation

## PREPARATION AND APPLICATION

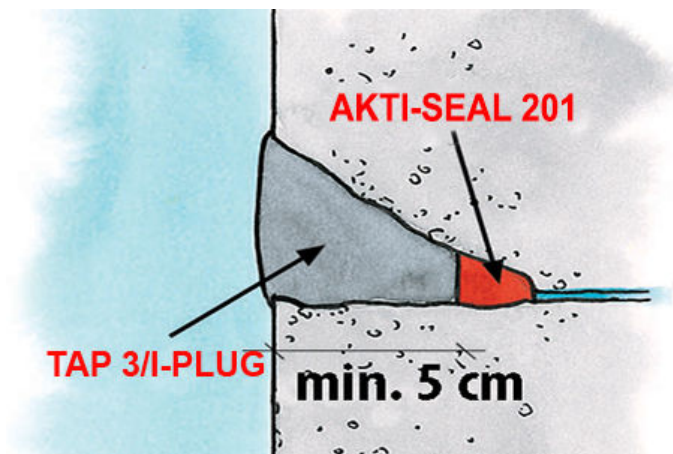
The preparation and installation data refer to normal environmental conditions (temperature +20°C; relative humidity 60%).

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

To seal cracks, place AKTI-SEAL 201 precisely on the line where the crack is made (see drawings), then confine AKTI-SEAL 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](http://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-SEAL 201 cartridge produces a 3.10 m seal (10x10 mm).

Storage time 9 months.

## PHYSICAL AND TECHNICAL SPECIFICATIONS

| Specification                   | Values                          |
|---------------------------------|---------------------------------|
| Appearance                      | hydro-expansive adhesive mastic |
| Colour                          | white/beige                     |
| Specific weight                 | > 1,30 g/cm <sup>3</sup>        |
| Volumetric expansion in water   | > 100% (24 h)                   |
| Hydrostatic pressure resistance | > 1 bar                         |
| Touch dry (+23 °C<br>50% R.H.)  | 120 min                         |
| Application temperature         | from +5 °C to +40 °C            |
| Working temperature             | from -30 °C to +90 °C           |

## WATCH VIDEOS AND INSIGHTS

Safety Data Sheets

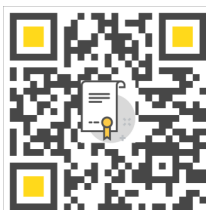
Declaration of  
performance

Specifications

Technical drawings  
and BIM

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](http://www.volteco.com).

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