

# PRODUCT DATA SHEET

## Delta Amphibia AKTI-VO 201



### Description

Delta Amphibia AKTI-VO 201 is a high performing hydro-expansive mastic for sealing through-elements of Delta Amphibia membranes and sealing and waterproofing passing bodies and general cracks in concrete.

### Features

- Resolute intervention on existing structures
- Applicable on wet and very uneven surfaces
- Can support significant volumes of water
- Quick and easy to use
- Resistance to aggressive natural agents contained in the ground
- Also usable in the presence of salt / Brackish water

### Packaging

320 cc cartridge, supplied in box of 6. Product must be stored in a dry place protected from sun and humidity.

### Surface Preparation and Application

Surfaces must be prepared prior to application and free from loose particles and any other materials that could compromise the adhesion.

Cut the tip of the cartridge according to 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 a gun and extrude.

To seal cracks, place Delta Amphibia AKTI-VO precisely on the line where the crack has formed, confine Delta Amphibia AKTI-VO with a thickness of at least 5 cm when applying in the presence of water.

### Product Details

DMS 1004 - Box of 6

### Specification

- BS 8102:2022 Protection of below ground structures against water ingress. Code of practice

### Fields of Application

Delta Amphibia AKTI-VO 201 offers a conformable waterproof strip that forms a seal against concrete faces. The seal resists hydrostatic pressure, stopping water from entering sub-structures. Delta Amphibia AKTI-VO 201 can be used:

- To create seals between prefabricated elements
- To seal cracks in reinforced concrete structures caused by concrete shrinkage
- To seal concrete, metal and plastic pipes embedded into the concrete
- Watertight construction joints in reduced section structures
- To level surfaces and seals profiles
- Sealing of through-elements and holes in general of Delta Amphibia membranes
- Construction joints in in-situ concrete structures
- Pipe penetrations through floors and walls
- Remedial 'breaking out' of concrete

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Technical Data

| Delta Amphibia AKTI-VO 201           |                   | Values |
|--------------------------------------|-------------------|--------|
| Appearance                           | Light Grey Mastic |        |
| Specific Weight                      | > 1g/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 5mm crack          | MFPA Leipzig GmbH | 5 Bar  |

The data reported are obtained in the laboratory at +20°C and 60% R.H. (relative humidity)

Safety

Adequate training is required before industrial or professional use. Always follow the instructions provided in the material safety data sheet and take the precaution described there. Wear appropriate Protective Personal Equipment (PPE) when applying and using the material. Observe all governmental, state, and local safety regulations when processing the material.

Other Information

All data and information contained in these Product/Technical Data Sheets is up-to-date and correct as at the date of issue. The information given is suggested as guidance and should only be used for evaluating your specific application. Delta Membrane Systems Limited cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. The information contained in these Product/Technical Data Sheets should not be considered a warranty, expressed, or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose. In no event shall Delta Membrane Systems Limited be liable for any incidental or consequential damages resulting from the use, misuse, or inability to use the product. This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory. When in doubt, contact Delta's Technical Team on 01992 523 523.

