AMPHIBIA 3000 GRIP PRE-APPLIED INSTALLATION - SEALING OF PENETRATIONS

Field	Underground waterproofing
Type of work	Reinforced concrete
Boundary conditions	Aquifer
Construction	New
Excavation type	Free
Type of material(s)	BENTONITIC SYSTEM
Sequence of installation	Before pouring concrete
Level of risk	High
Type of protection	Waterproofing barrier

1. Penetration (pre-applied installation)

2. AKTI-SEAL 201 already crystallized before pouring concrete

3. AMPHIBIA 3000 GRIP

4. RC structure suitable to withstand hydraulic pressures and exempt from defects

5. AKTI-SEAL 201 after casting concrete

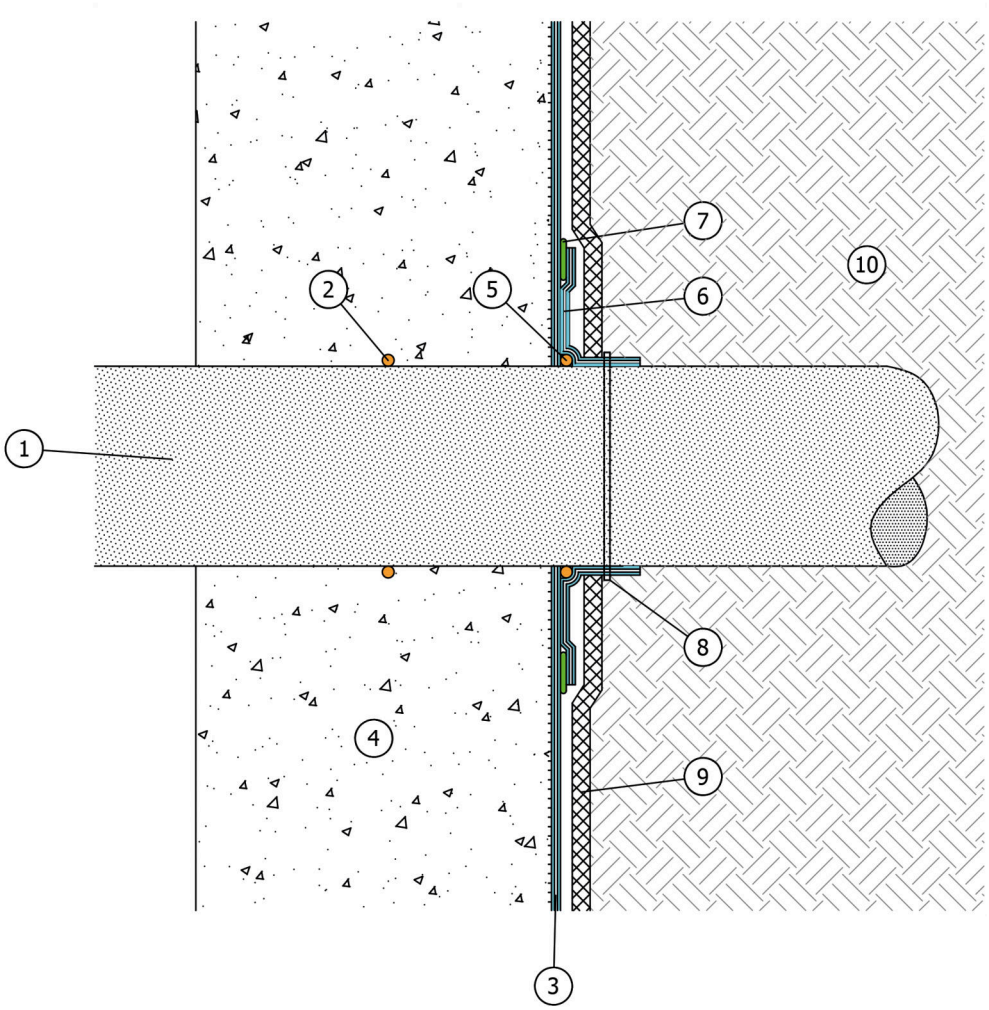
6. AMPHIBIA 3000 GRIP patch all around the penetration

7. BI MASTIC and/or AMPHIBIA SAFETY TAPE

8. Hose clamp

9. Rigid insulation panels or non-woven textile (min 250 g/m²)

10. Well compacted soil without voids



PLEASE NOTE: Do not make Amphibia overlaps around the construction joint areas.

PLEASE NOTE: The waterproofing systems must be installed continuously all along the whole structure subjected to intervention and up till the ground level, keeping the continuity between all waterproofed surfaces, horizontal and vertical; any kind of joint, penetration and every possible crack must be sealed with suitable VOLTECO systems, applied in continuity with one another (see VOLTECO technical data sheets), in order to avoid any chance of seepage.

The structures must be suitable to withstand hydraulic pressures and every kind of load that they will undergo.

(*) Attendere qualche ora tra la sua posa ed il successivo getto al fine di consentire la reticolazione del mastice idroespansivo all'aria e quindi la sua adesione alle superfici da sigillare.

This proposed scheme (out of scale and released only for example purposes) and its implementation must be assessed and approved by the Designer and the Construction Supervisor in relation to the specific issues of the project and the building site. More information about the application, performances and technical data of the technologies that we have here described must be obtained from the product datasheets (also freely downloadable from the website www.volteco.it); those datasheets are considered part of this document.