# AMPHIBIA 3000 GRIP - Raft foundations at different heights

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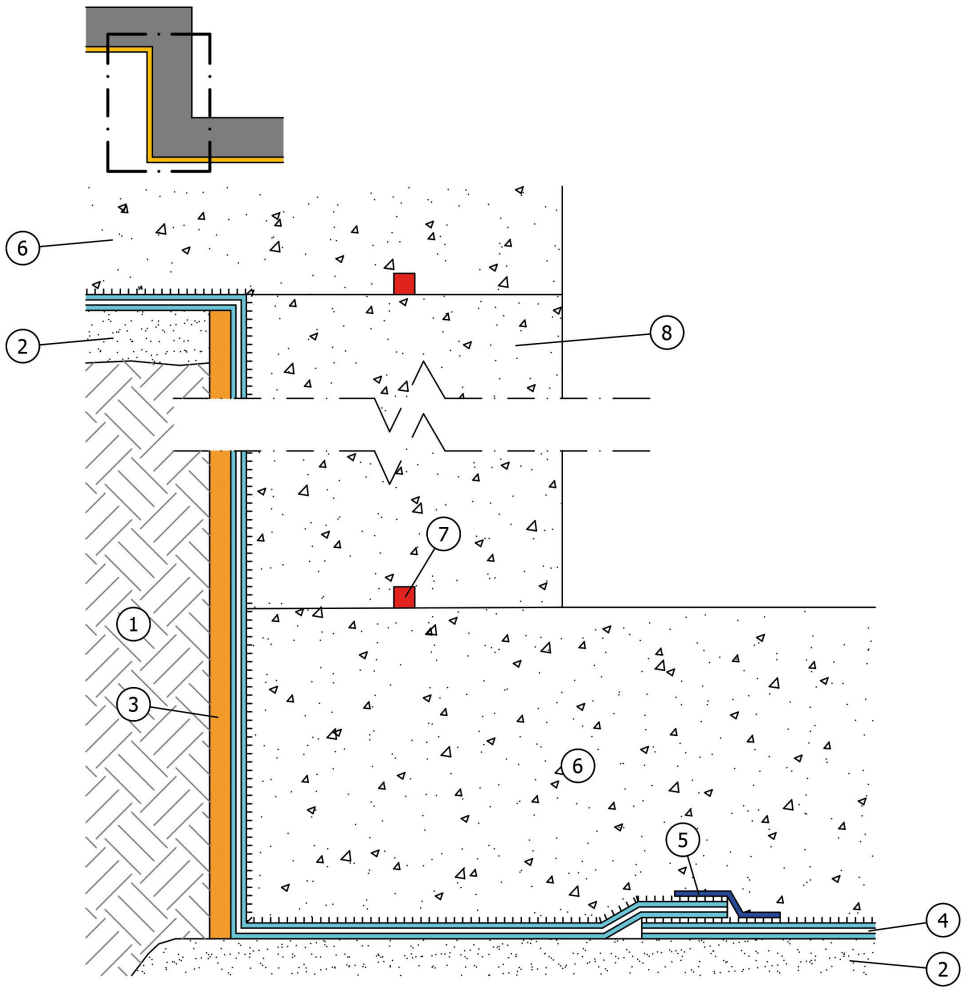
| **Field** | Underground waterproofing |
| **Type of work** | Reinforced concrete |
| **Boundary conditions** | Aquifer |
| **Construction** | New |
| **Excavation type** | Confined |
| **Type of material(s)** | AQUASCUD SYSTEM |
| **Sequence of installation** | Before pouring concrete |
| **Level of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

*1. Soil*
*2. Lean concrete*
*3. Disposable formwork or lean concrete*
*4. AMPHIBIA 3000 GRIP*
*5. AMPHIBIA SAFETY TAPE or BI MASTIC*
*6. RC raft foundation suitable to withstand hydraulic pressures and exempt from defects*
*7. WT 102*
*8. RC wall suitable to withstand hydraulic pressures and exempt from defects*




PLEASE NOTE: Dilatation joints must be realized on the screeds, having position and length according to the Designer's specifics, and sealed with GARVO. The waterproofing SYSTEMs must be installed continuously all along the whole structure subjected to intervention, keeping the continuity between all waterproofed surfaces, horizontal and vertical; any kind of joint (e.g. dilatation joints on the screeds, structural joints etc.), penetration, corner 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 every kind of load that they will undergo.
Dilatation joints must be realized on the screeds, having position and length according to the Designer's specifics, and sealed with GARVO
All structures have to be suitable to withstand all future loads