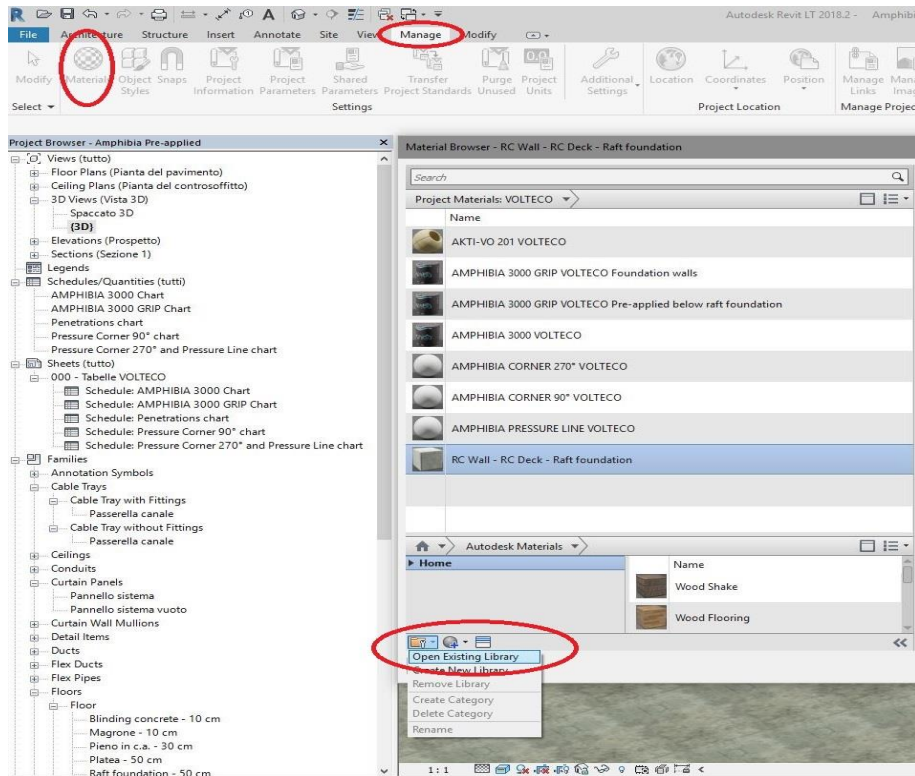


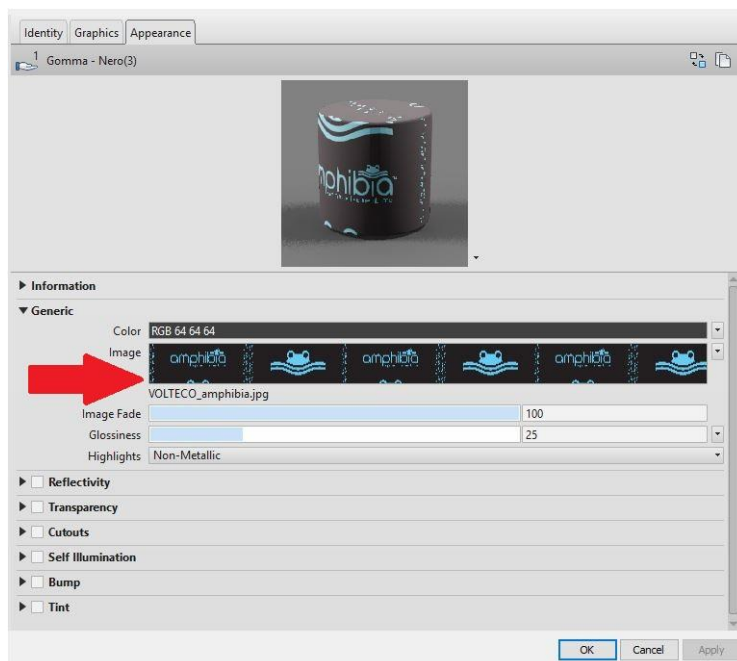
This proposed scheme (released only for example purposes) and its implementation must be assessed and approved by the Designer and the Construction Supervisor in relation to the specific issues of the project and the building site. More information about the application, performances and technical data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

Operating instructions:

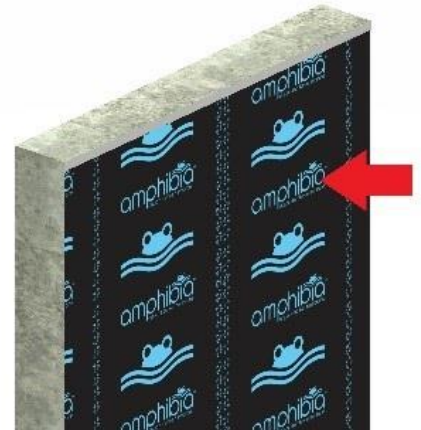
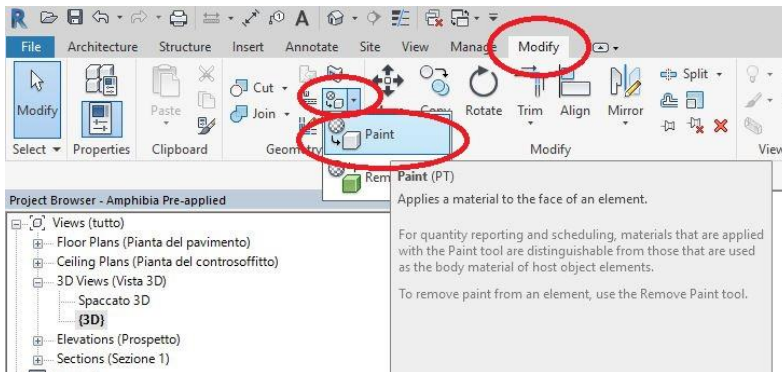
## 1. Load the material library called "Volteco Technologies" (format .adsklib)



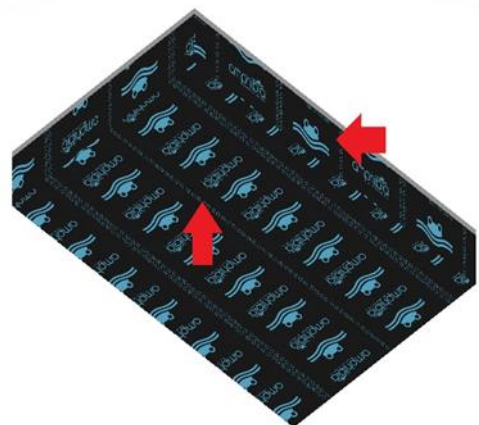
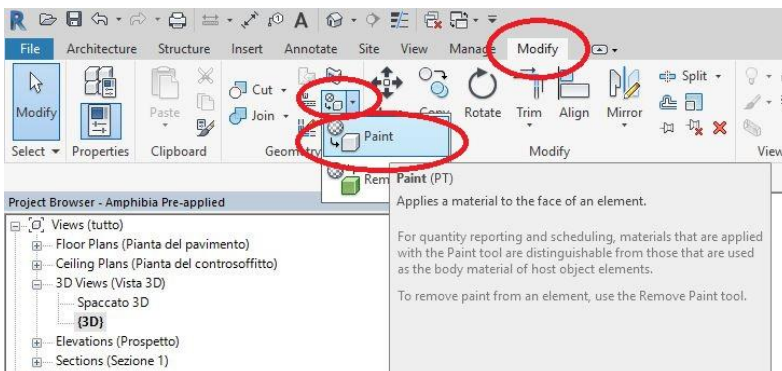
## 2. Load "VOLTECO amphibia" texture to define the appearance of Amphibia 3000 and Amphibia 3000 Grip technologies.



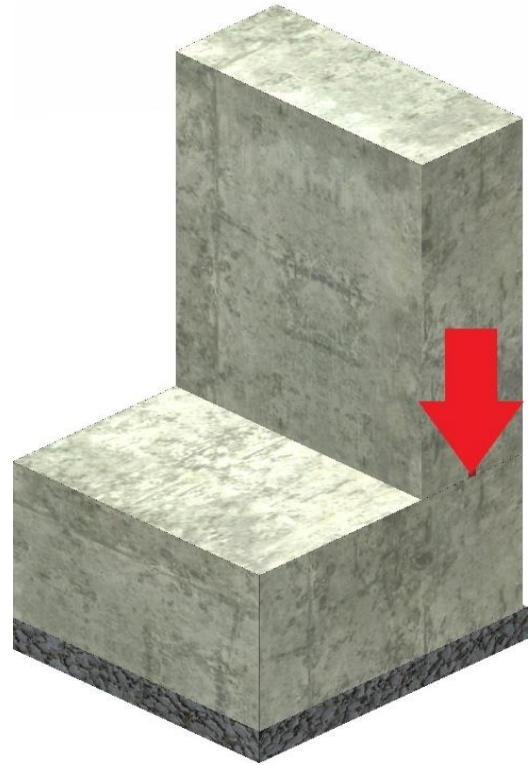
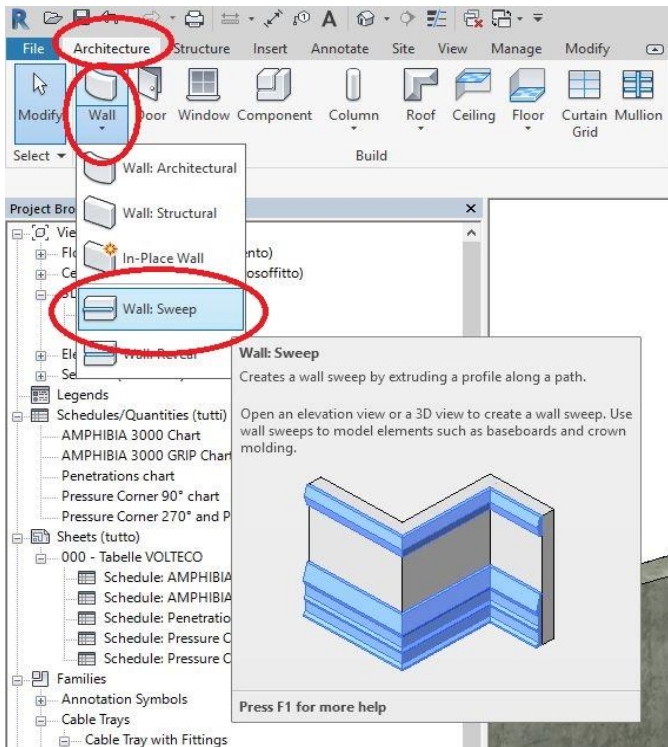
3. **AMPHIBIA 3000 GRIP "foundation walls" against diaphragm** has to be installed all along the external surfaces of the foundation walls (against conveniently smoothed diaphragm). For a proper use of the tool, use the button "PAINT", and select the walls on which you want to paste the component after choosing it correctly from the REVIT device.



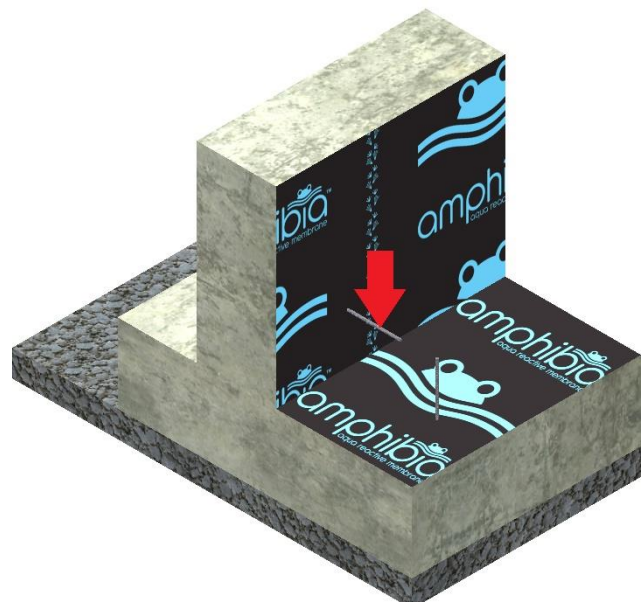
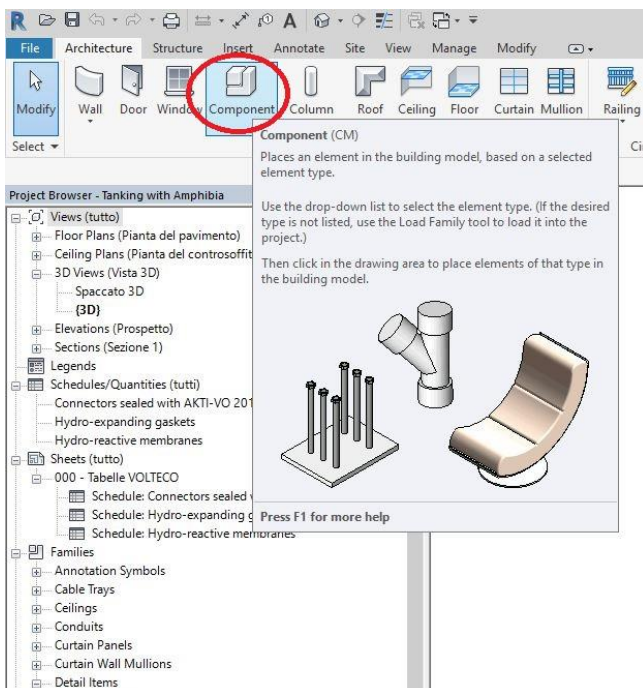
4. **AMPHIBIA 3000 GRIP "below raft foundation"** has to be installed below the foundation slab and on its vertical surfaces all along the whole thickness; you need the "PAINT" command and select those surfaces.



5. **WT102** is a hydro-expansive joint based on natural Sodium Bentonite optional, to apply as a secondary waterproof barrier, it must be applied on the middle of construction joints between the foundation and vertical wall and it must guarantee a minimum cover of 8 cm per side; For a proper functional response of the panel commands, the button "WALL: SWEEP", and select the walls on which to paste the component after choosing it correctly from the REVIT device.

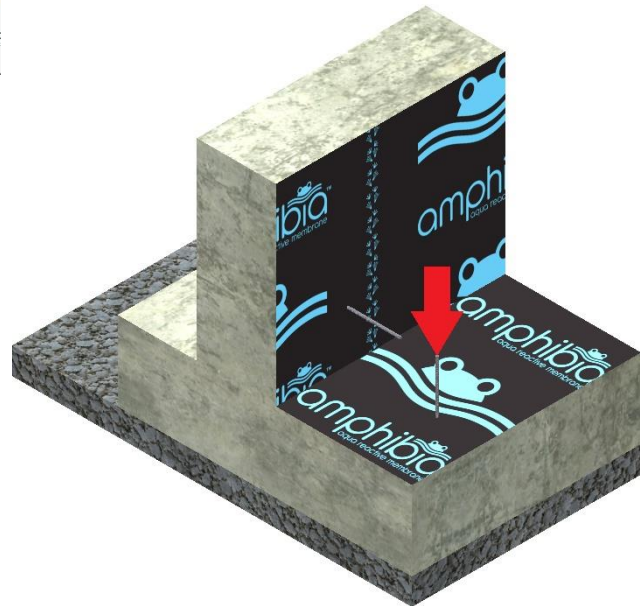
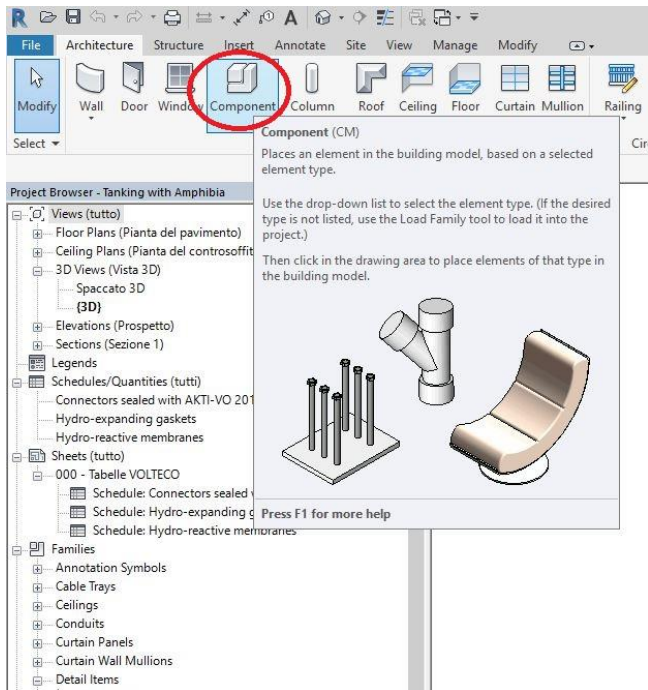


6. **REBARS ON VERTICAL WALL**, sealed with AKTI-VO 201, must be installed on the vertical wall; For a proper functional response of the panel commands, use the button "COMPONENT", and select the walls on which you want to paste the component after choosing it correctly from the REVIT device. In the end, in the abacus, "rebars sealed with attivo 201", to simplify the automatic calculation, manually insert the number of rebars provided in the vertical wall in the column "number of rebars per square meter".

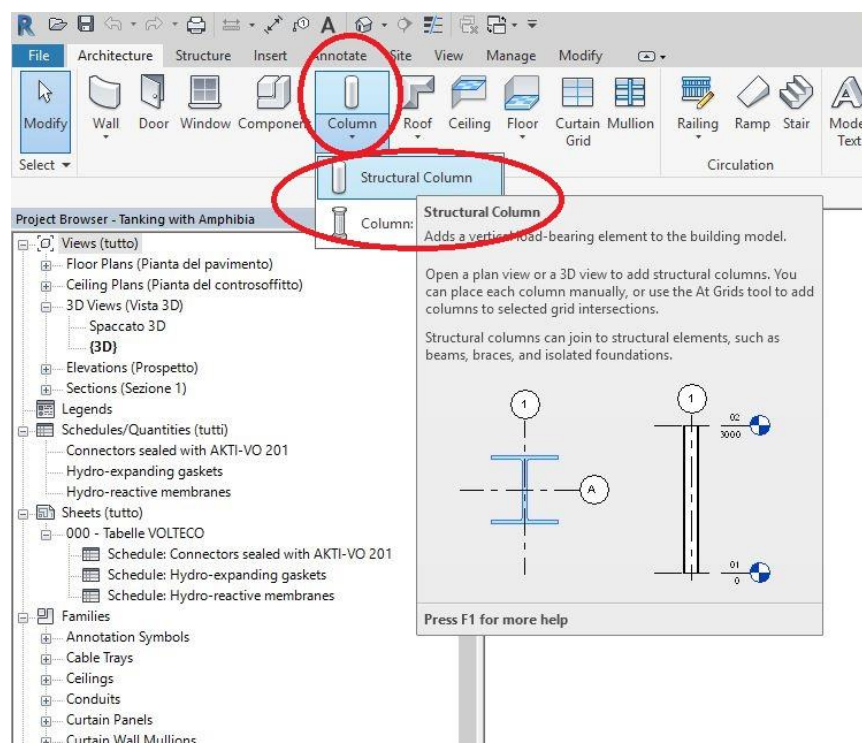




7. **REBARS ON HORIZONTAL STRUCTURE** sealed with AKTI-VO 201, must be installed on horizontal on the existing foundation; For a proper functional response of the panel commands, use the button "COMPONENT" and select the horizontal structure on which you want to paste the component after choosing it correctly from the REVIT device. In the end, in the abacus, "rebars sealed with attivo 201", to simplify the automatic calculation, manually insert the number of rebars provided in the horizontal structure in the column "number of rebars per square meter".



8. **THE DIAPHRAGM** wall is a structural element for the containment of soil, must be installed at the border of the structure. For a proper use of the tool, use the button "COLUMN: STRUCTURAL COLUMN", and place the diaphragm after choosing it correctly from the REVIT device.



**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.