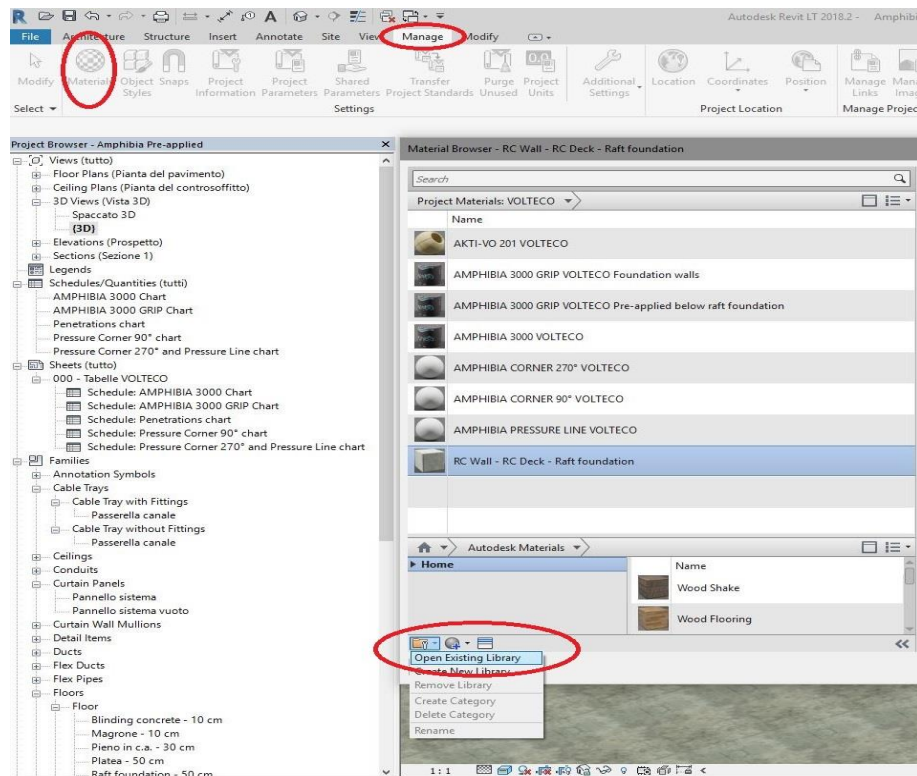


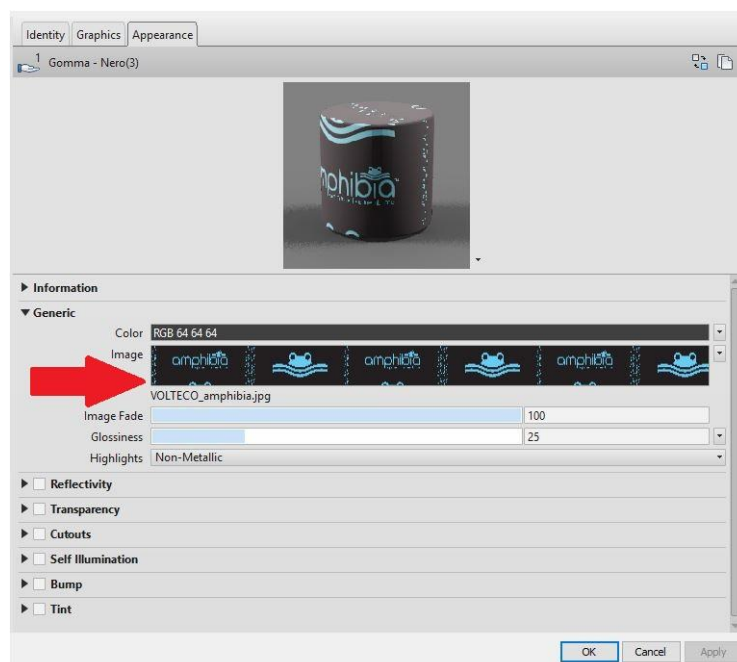
This proposed scheme (released only for example purposes) and its implementation must be assessed and approved by the Designer and the Construction Supervisor in relation to the specific issues of the project and the building site. More information about the application, performances and technical data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

Operating instructions:

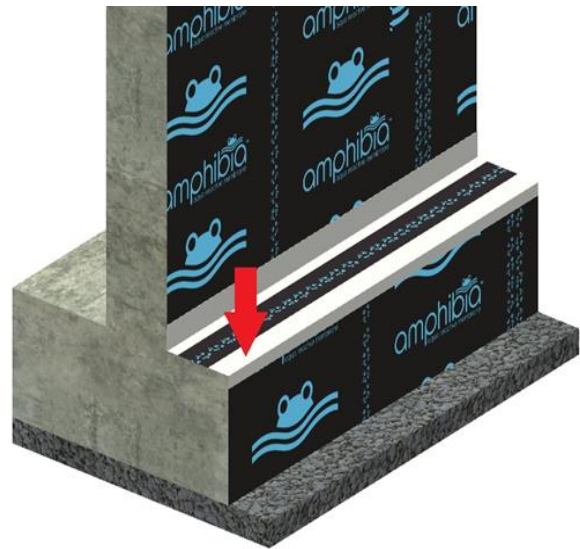
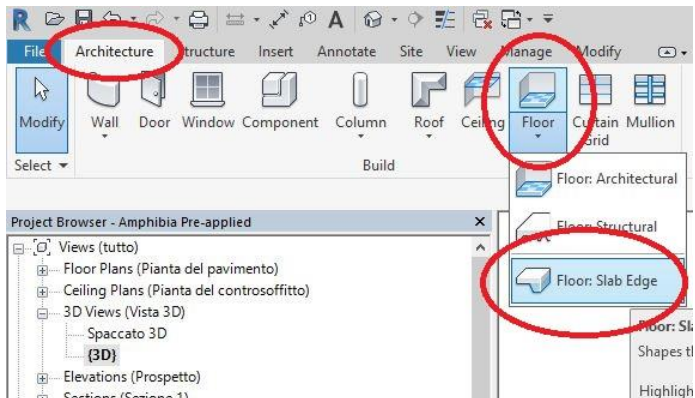
1. Load the material library called "Volteco Technologies" (format .adsklib)



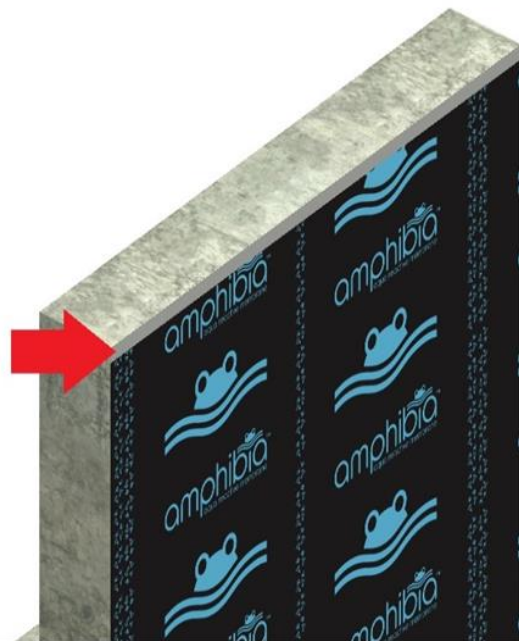
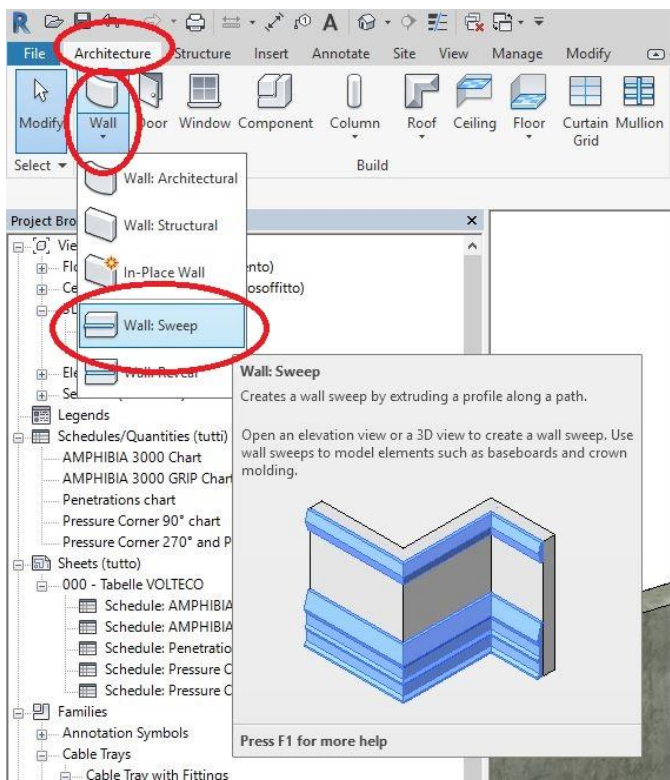
2. Load "VOLTECO amphibia" texture to define the appearance of Amphibia 3000 and Amphibia 3000 Grip technologies.



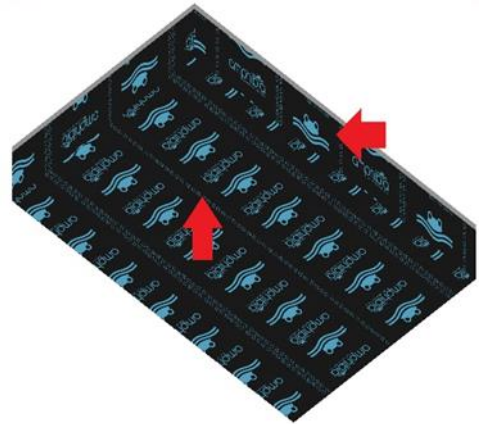
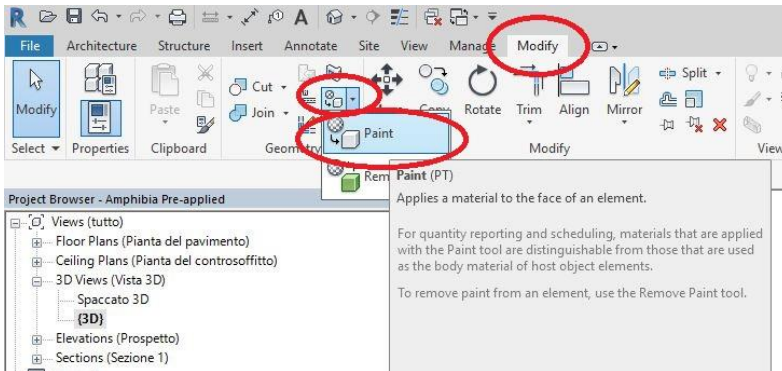
3. **AMPHIBIA PRESSURE CORNER 90°** has to be installed on the edge of the raft toe. Firstly you need to select "FLOOR: SLAB EDGE" command then click on the edge of the toe.



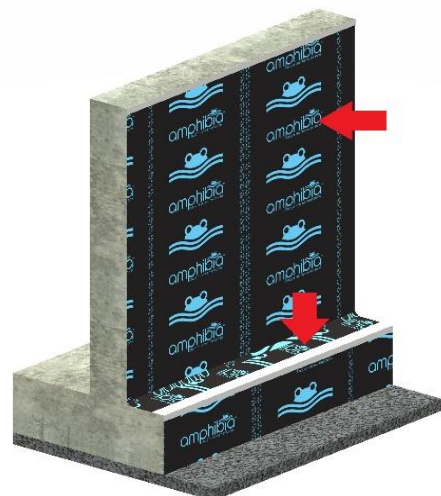
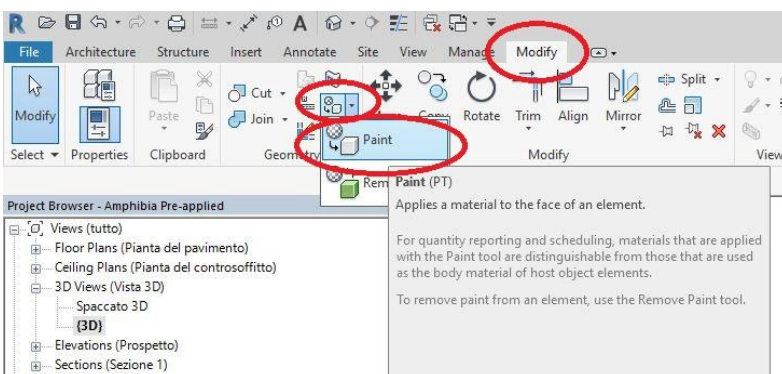
4. **AMPHIBIA PRESSURE LINE** has to be installed on the top of the vertical wall; you need to use the "WALL: SWEEP" command and select the affected walls after choosing this element.



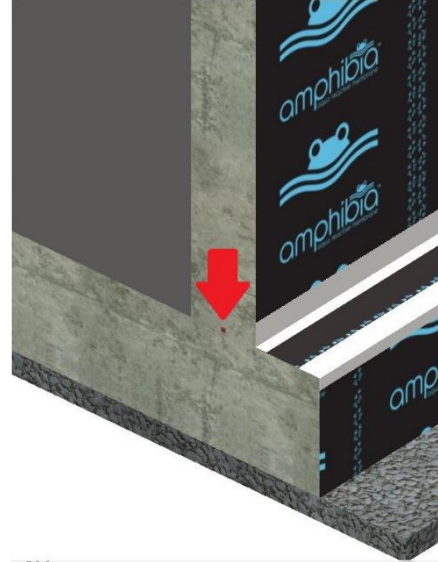
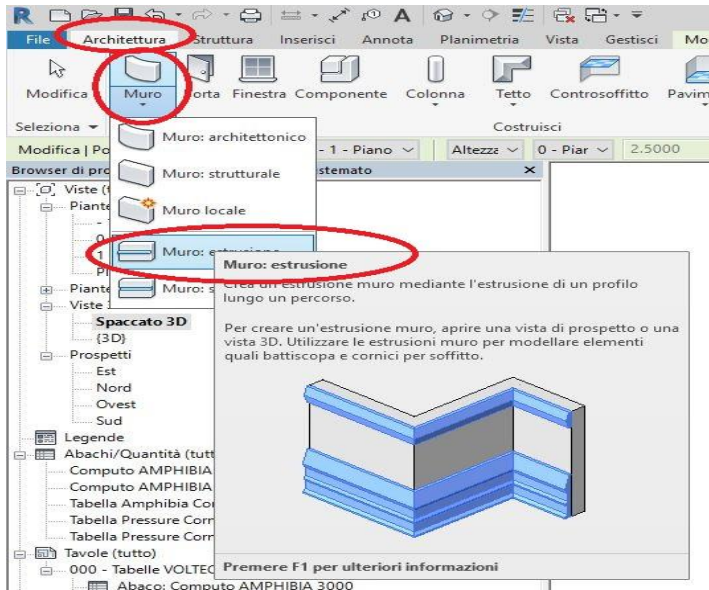
5. **AMPHIBIA 3000 GRIP "below raft foundation"** has to be installed below the foundation slab and on its vertical surfaces all along the whole thickness; you need the "PAINT" command and select those surfaces.



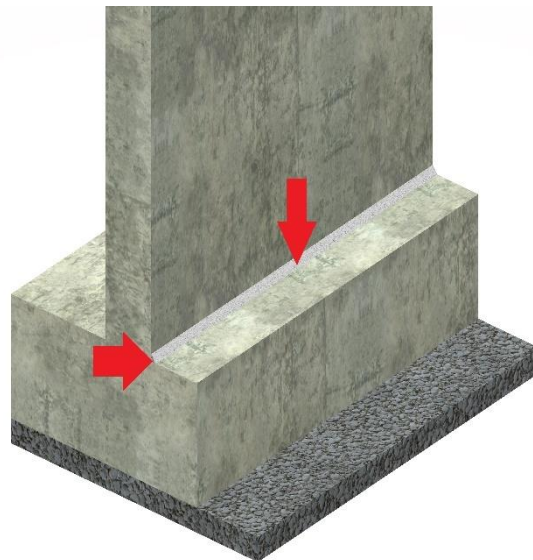
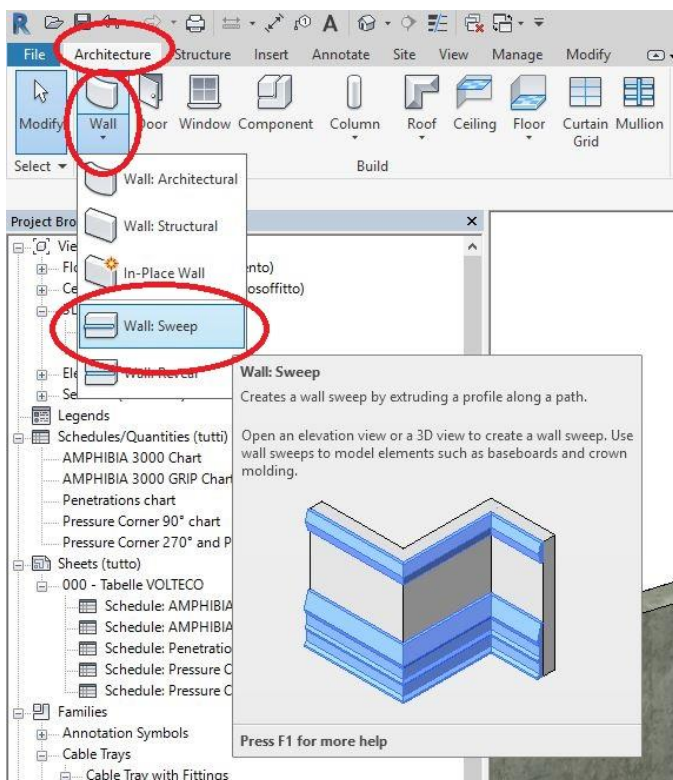
6. **AMPHIBIA 3000 GRIP post-applied** has to be installed on the external surfaces of foundation walls and horizontally on the raft toe; you need to use the "PAINT" command and select those surfaces.




7. **WT102** or **WT CONSTRUCTION** are a hydro-expansive joint, 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.




8. **SPIDY 15 FILLET**: you need the "WALL: SWEEP" command and select the bottom of the affected walls.



9. In "Pressure Line and Spidy 15 chart" chart: fill up the chart with data extract from template (SPIDY 15 swarf is 15%).

Pressure e Spidy 15 chart				
				
A	B	C	D	E
Family and Type	Manufacture	Lenght	% Swarf	Effective lenght
Estrusione muro: AMPHIBIA VOLTECO PRESSURE LINE				
Estrusione muro: AMPHIBIA VOLTECO PRESSURE LINE	Volteco Spa	86.00 m	3%	88.58 m
Estrusione muro: SPIDY 15 FILLET				
Estrusione muro: SPIDY 15 FILLET	Volteco Spa	86.00 m	0%	86.00 m

10. In "AMPHIBIA 3000" chart: insert the number 1 in the field "N° stopper per Square metre" in "AMPHIBIA 3000 VOLTECO foundation walls".

AMPHIBIA 3000 CHART							
							
A	B	C	D	E	F	G	H
Material	Description	Manufacture	Area	STOPPER (Yes/No)	Nr. STOPPER per mq	Nr STOPPER total	Safety Tape
AMPHIBIA 3000 VOLTECO							
AMPHIBIA 3000 VOLTECO	AMPHIBIA 3000 is a waterproof membrane, re	Volteco Spa	55.09000 m²	<input checked="" type="checkbox"/>	1	55	49.58 m
AMPHIBIA 3000 VOLTECO	AMPHIBIA 3000 is a waterproof membrane, re	Volteco Spa	28.89900 m²	<input checked="" type="checkbox"/>	1	29	26.01 m
AMPHIBIA 3000 VOLTECO	AMPHIBIA 3000 is a waterproof membrane, re	Volteco Spa	25.00000 m²	<input checked="" type="checkbox"/>	1	25	22.50 m
AMPHIBIA 3000 VOLTECO	AMPHIBIA 3000 is a waterproof membrane, re	Volteco Spa	22.15933 m²	<input checked="" type="checkbox"/>	1	22	19.94 m
AMPHIBIA 3000 VOLTECO	AMPHIBIA 3000 is a waterproof membrane, re	Volteco Spa	29.17933 m²	<input checked="" type="checkbox"/>	1	29	26.26 m
AMPHIBIA 3000 VOLTECO	AMPHIBIA 3000 is a waterproof membrane, re	Volteco Spa	51.00000 m²	<input checked="" type="checkbox"/>	1	51	45.90 m
			211.32785 m²			211	190.19 m
AMPHIBIA 3000 VOLTECO Horizontal							
AMPHIBIA 3000 VOLTECO Ho	AMPHIBIA 3000 is a waterproof membrane, re	Volteco Spa	23.57640 m²	<input checked="" type="checkbox"/>			21.22 m
			23.57640 m²			0	21.22 m

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.