



Waterproofing systems for Swimming pools and waterbodies

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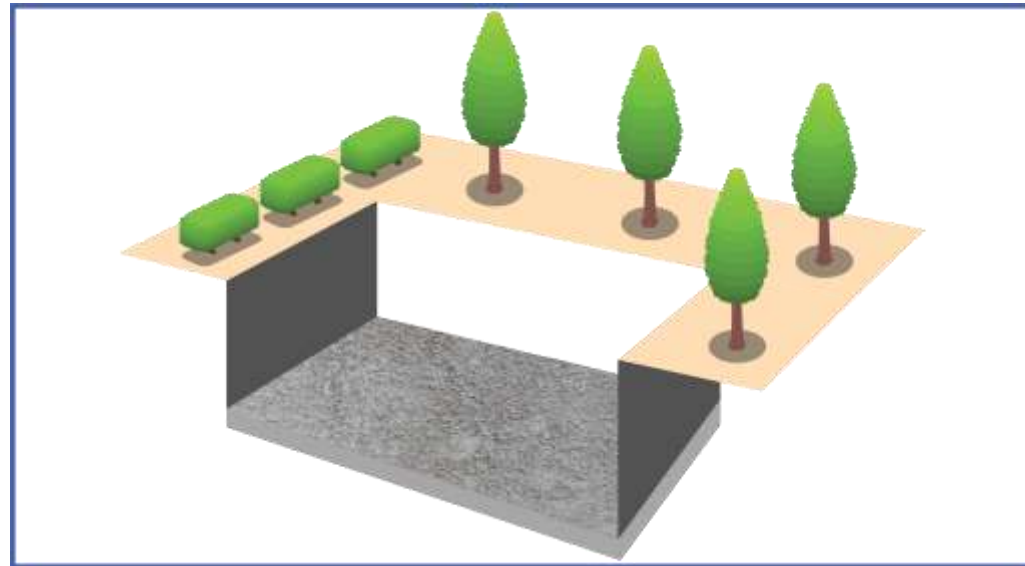
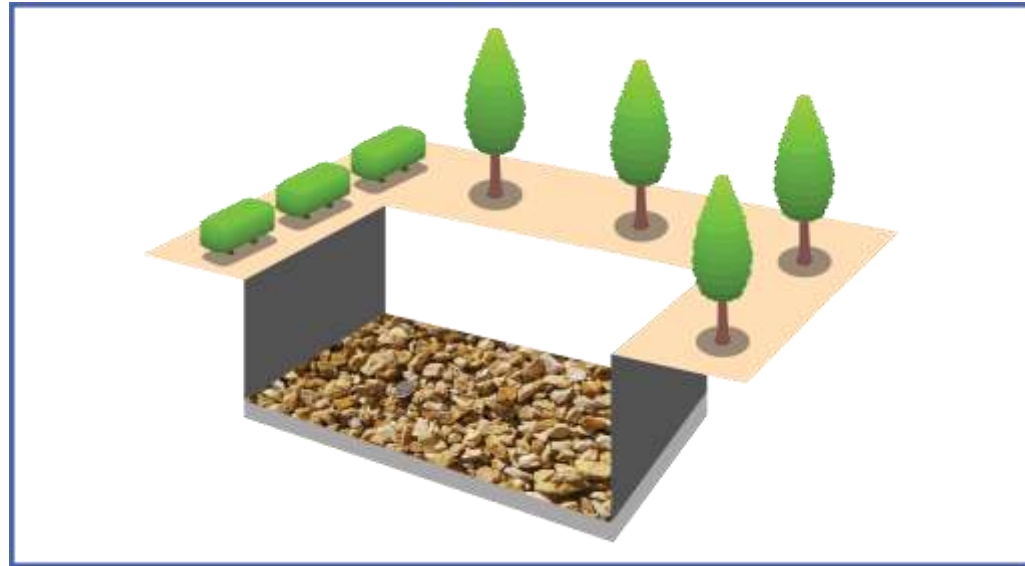
Why should waterbodies be waterproofed.

Waterproofing systems should be applied with pools, fountains, water tanks, or drainpipes during the construction period to prevent the loss of water and subsequent leakages. Remedial waterproofing can be a risky and costly operation. It is for this reason Ressichem has a variety of products proposed as a system to ensure long lasting swimming pools and waterbodies during its construction.

Other Steps

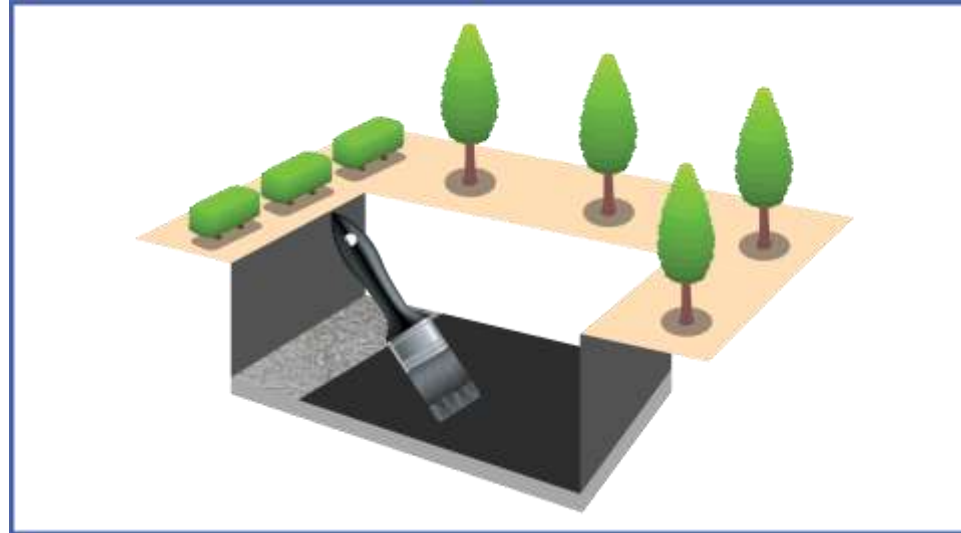
Stone Soiling

Lean Concrete



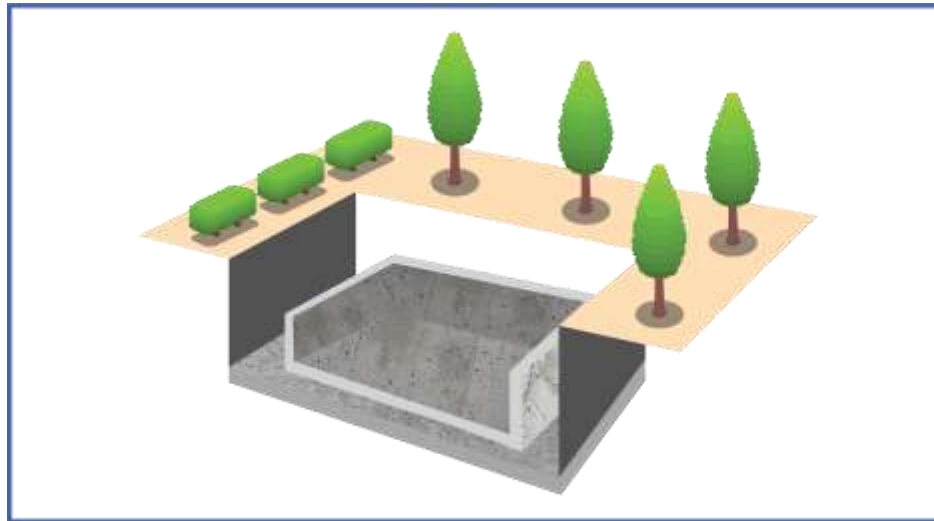
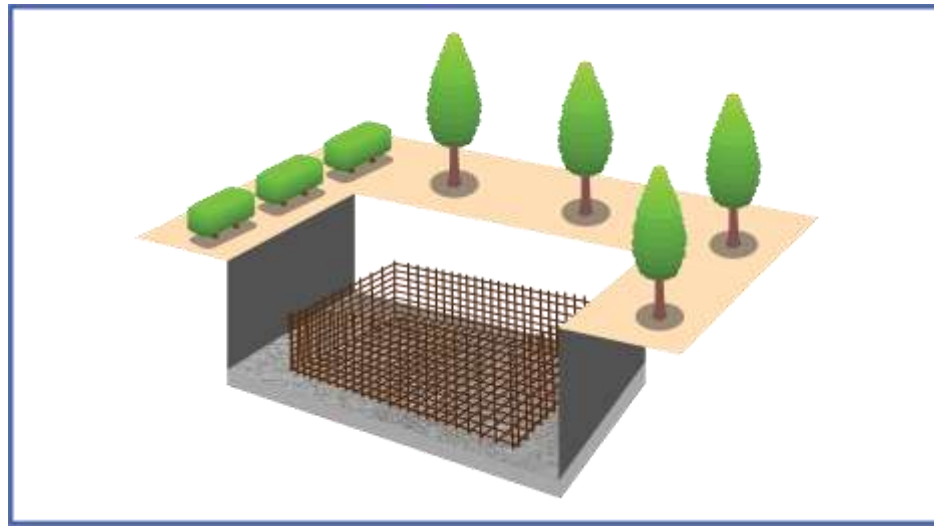
Step 1

Protection of Lean concrete with **Water Guard 491**.



Step 2

Addition of **Max Flo integra 3 (powder)** Admixture in raft and retaining wall concrete.



MAX FLO
INTEGRA 3 (POWDER)
INTEGRAL WATERPROOFING AND PLASTICIZING POWDERED ADMIXTURE



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Step 3

Application of **Ressi Swell Bar Pro 60 (Swellable bar)** in the retaining wall joint.



RESSI 
SWELL BAR PRO 60
Swellable bar for sealing concrete joints

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Step 4

Repairing of all the concrete defects using Patch 365 Plus.



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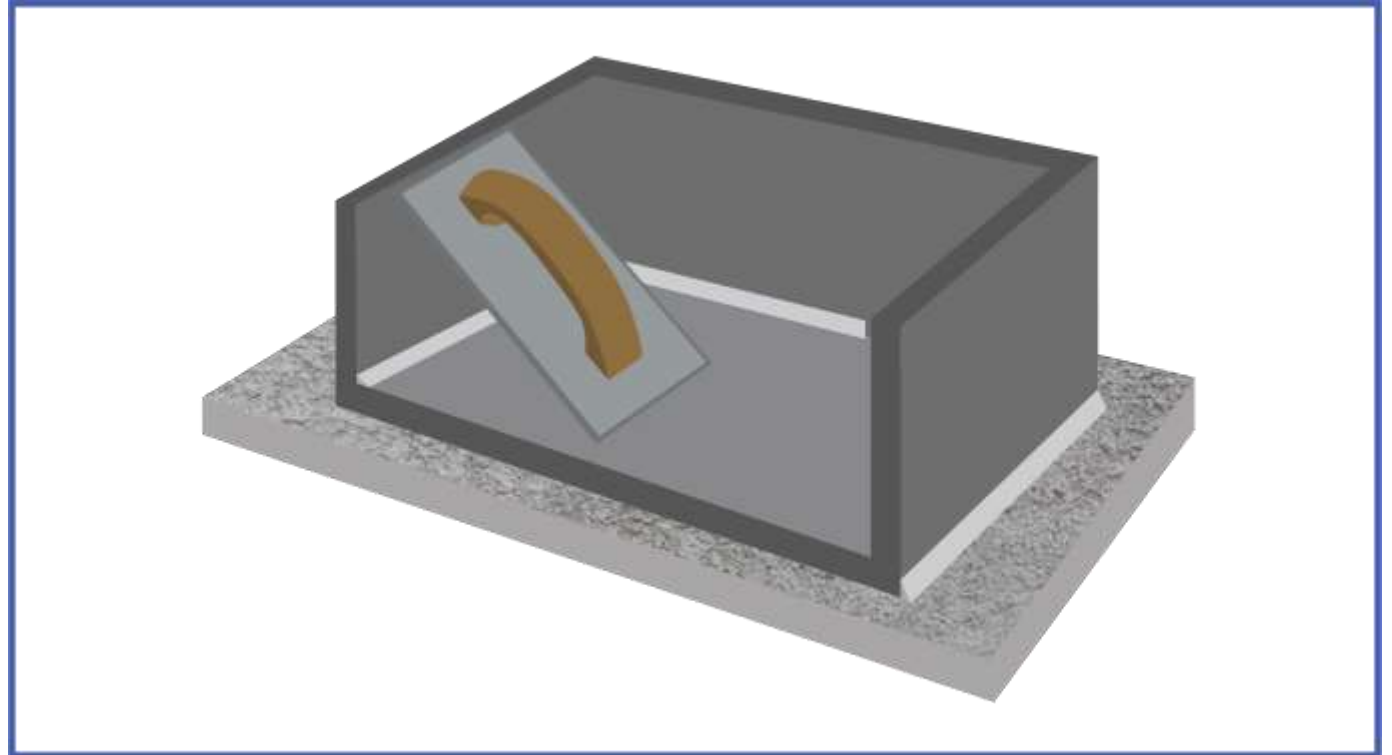
Step 5

Application of **Water Guard Crysta Coat 101** over the surface of the concrete both internal and external.



Step 6

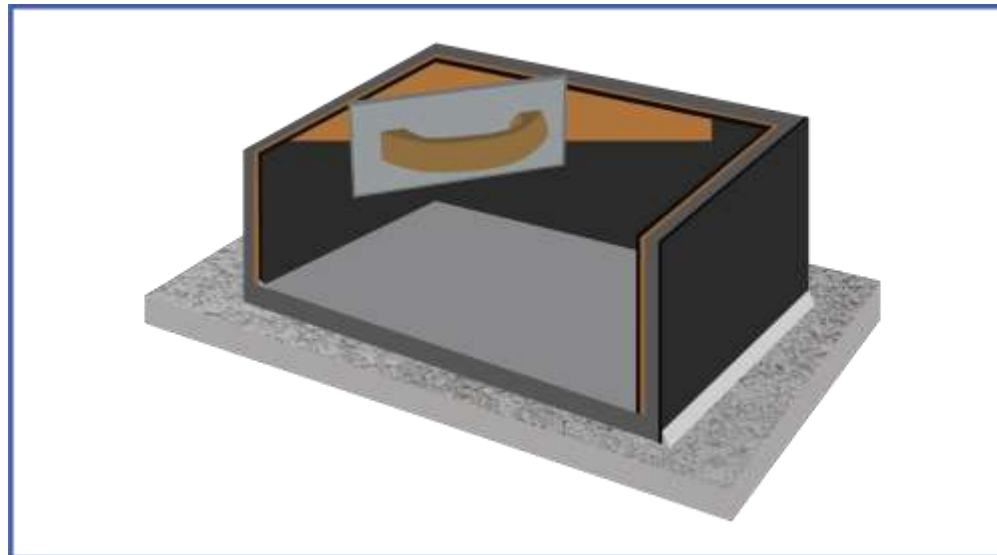
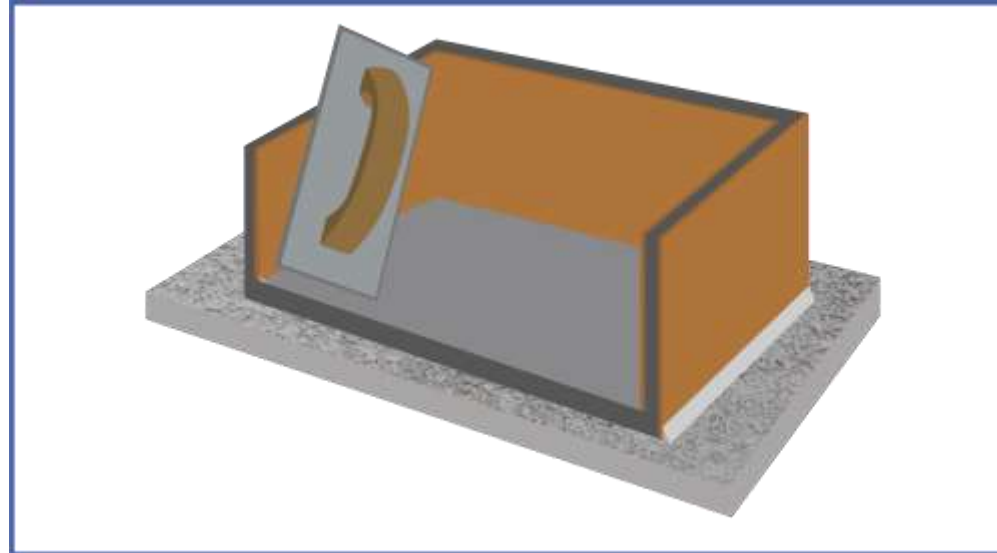
Making external chamfers between the raft and the retaining walls using **Patch 365 Plus**.



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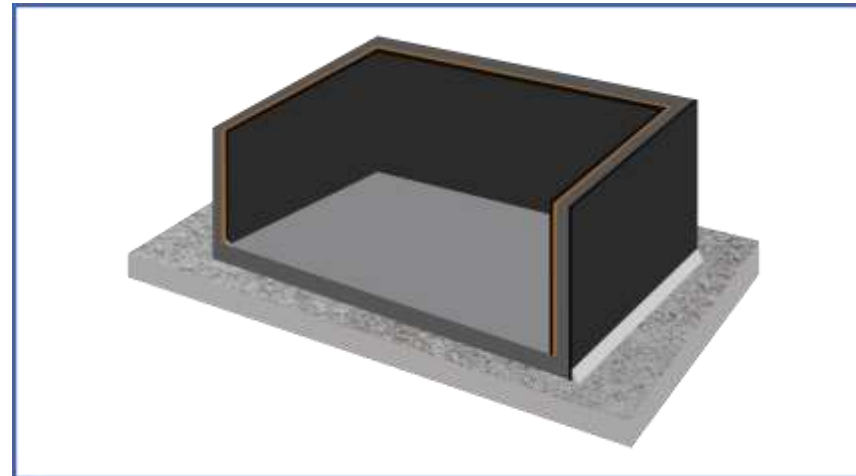
Step 7

Plastering of all the areas of the waterbody with the addition of **Ressi SBR 5850** and **Silmix** all over the concrete internally and externally.



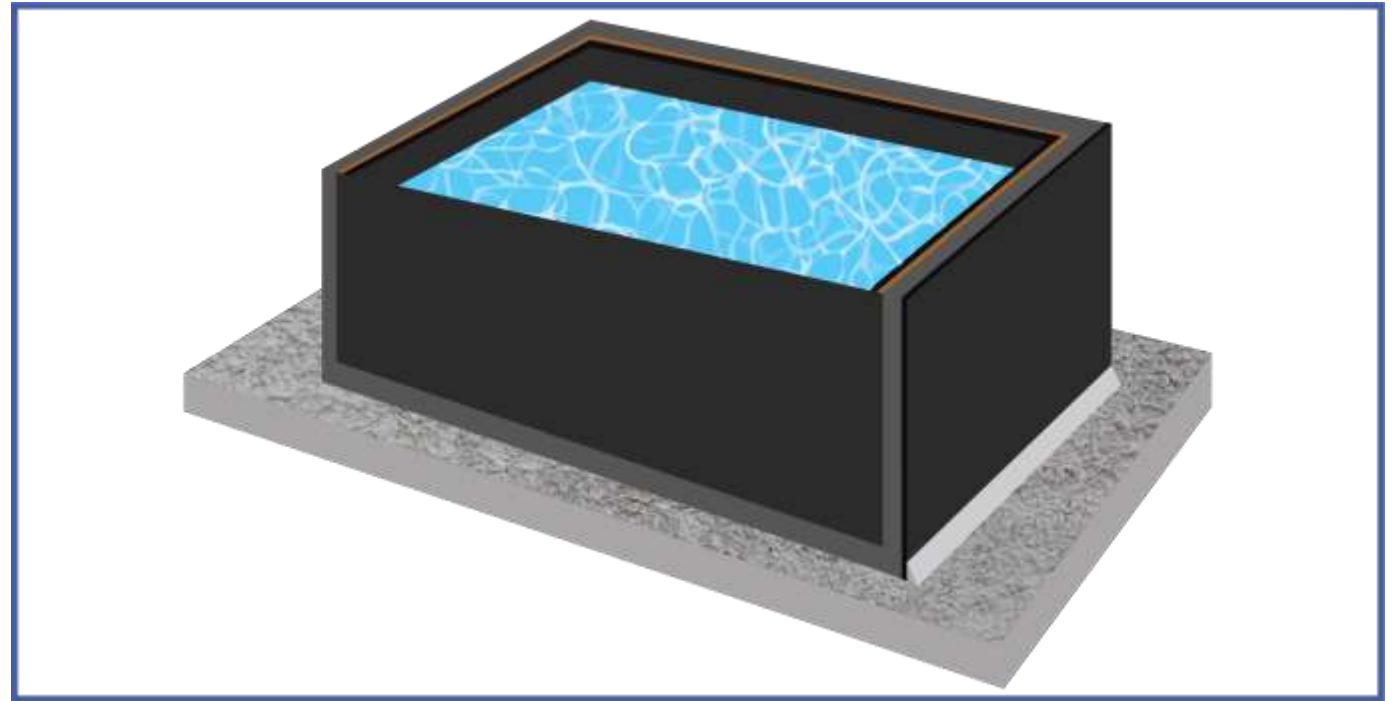
Step 8

Application of **Water Guard 491** on the external plastered surface of the basement.



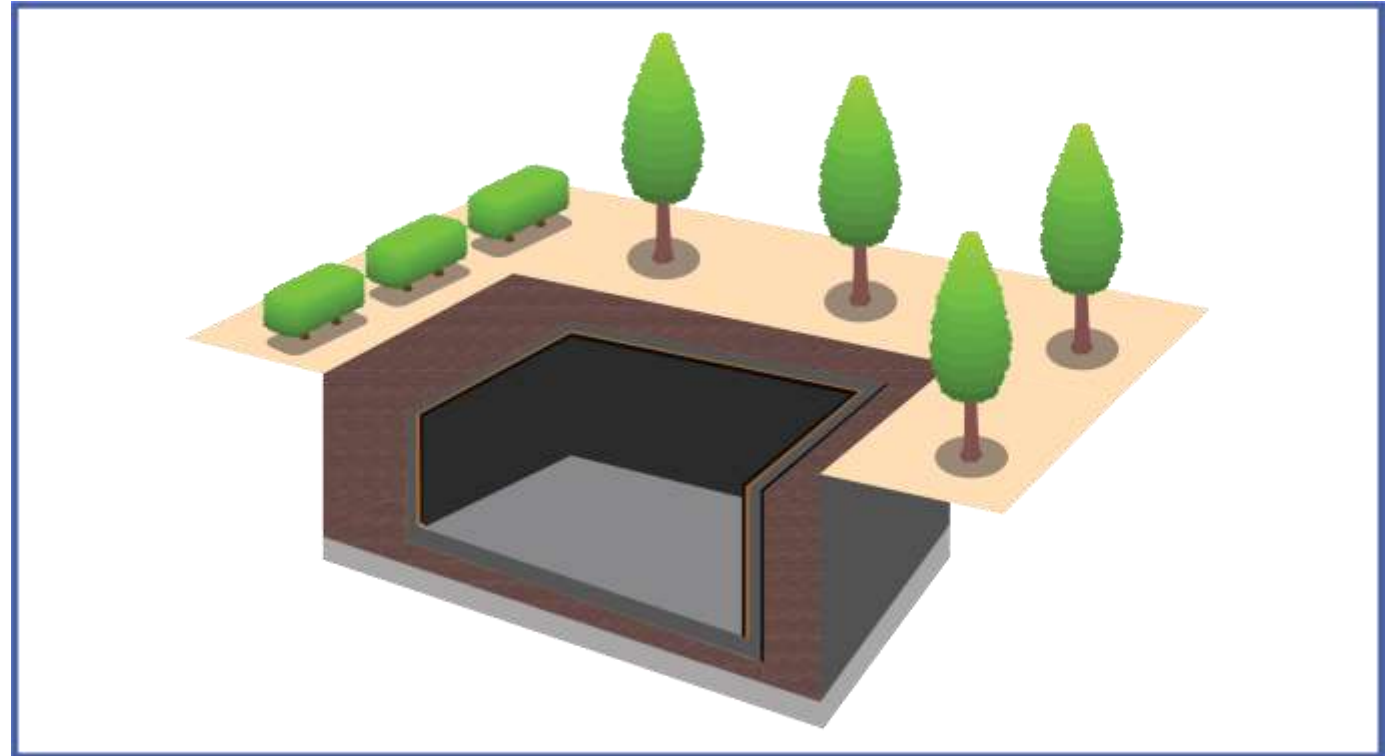
Step 9

Flood Test of the
Waterbody



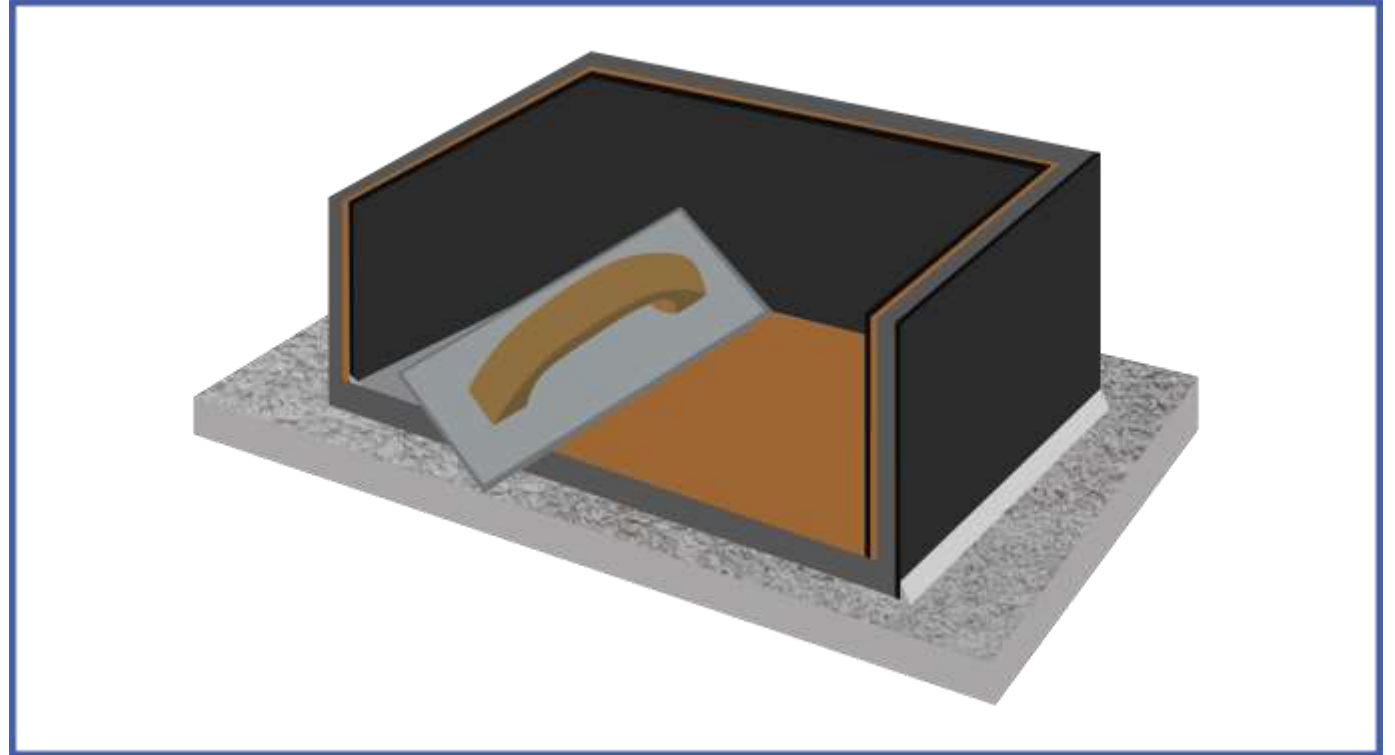
Step 10

Inspection and back filling.



Step 11

Laying of Screed over the water body prior to finishing / tile fixing.



SILMIX
WATERPROOFING ADMIXTURE FOR
PLASTER AND SCREED

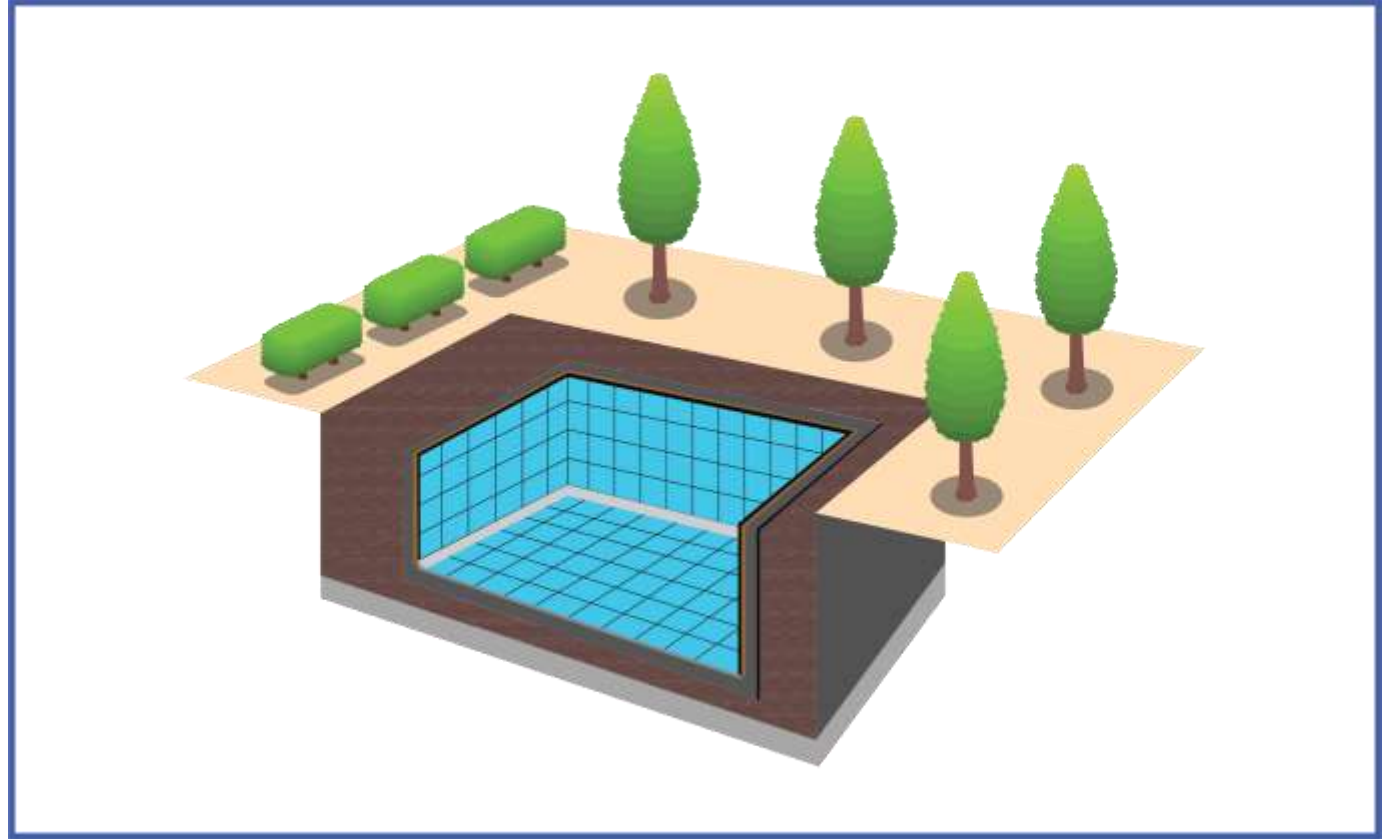
RESSI
SBR5850
STYRENE BUTADIENE RUBBER BASED BONDING
AID & ADDITIVE FOR CONCRETE AND MASONRY
(HIGH SOLID CONTENT)



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Step 12

Laying of Tiles using appropriate Tile Adhesives and Grouts



A Durable system for the waterproofing of swimming pools and waterbodies.



Thank You

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