

TO-1000

• Appearance	: Sand or Mineral finishing (The colour of mineral finishing could be different from batch to batch.)
• Thickness (sand type)	: 3mm
• Thickness (Mineral type)	: 3,8mm
• Dimension	: 1m x 10m

• Weight (Sand type)	: 4kgs/m ²
• Weight (Mineral type)	: 4,5kgs/m ²
• Crack bridging	: >2mm
• Tensile strength	: > 5,4 Mpa
• Elongation at break	: 63%

A thin layer of primer by bitumen coating are required.

Application tools:

- Torch gun
- Roller (For Primer)

Dosage:

- Minimum at 1 Layer.
- Overlap: 75mm.
- Vertical height: 300mm upturn and above.

Site Visit:

Prior to waterproofing installation arrange visit to project site to inspect and certify that concrete surfaces are in acceptable condition to receive waterproofing treatment.

Remove existing waterproofing membrane:

For repairing work, If there is any existing waterproofing system such as torch on membrane, acrylic coating, PU coating on top of screed, the removal work is necessary.

Verify the substrates:

Verify that concrete or screed surfaces are sound and clean, and that form release agents and materials used to cure the concrete are compatible with waterproofing treatment.

Examination and repair for Defects:

Examine defects such as honeycomb, water ponding point and cracks. Such defects to be repaired by cement grout, patching mortar or epoxy grout.

Surface preparation:

Clean the dusty surfaced, remove cement ash and trashed, ensure the surface is good to received waterproofing.

Angle fillet:

Form the angle fillet between vertical and horizon area such as the area between parapet wall and floor slab. The angle fillet can be done by normal cement grout mix with water and sand. The angle fillet required minimum 25mm x 25mm, or 50mm x 50mm will be better.

Application of torch on membrane:

After the primer coat, can apply the Obaproof TO-1000 4mm torch on membrane, lay the Obaproof TO-1000 on gutter / scupper drain first, follow by the floor (start from low to high gradient) and lastly, the skirting. Use torch gun to torch the Obaproof TO-1000 equally to make sure all surface been torch and stick on floor especially the overlapping area, must be fully torch to create a best bonding on the joint.