

CONSTRUCTION PROCESS GUIDE

Balcony waterproofing using **Revinex® Flex U360 + Gavazzi® Mesh**

WATERPROOF PROTECTIVE COATING

2-component cement base

Good adhesion
Crack bridging ability

Adhesion strength: $\geq 1,5\text{N/mm}^2$
Consumption: 2-2,5kg/m² for two layers



INSTRUCTIONS FOR CONSTRUCTION STEPS

1. SURFACE PREPARATION

- The surface must be clean, free of flaking, contaminated, or greasy components.
- The surface must be completely dry and free of standing water before waterproofing.



Unfinished concrete surface



Use a grinder to polish the concrete surface



Patching concrete surfaces with Neorep repair mortar



Concrete surface achieved

2. CHECK THE WEATHER FORECAST

- Construction conditions: No rain for 3-5 days

3. PIPE COLLAR TREATMENT CONSTRUCTION



Chisel around the pipe neck, insert foam or formwork below the pipe neck



Clean the neck of the pipe, wrap the expansion bar



Grouting Construction
Lemax Grout LM-G650



BS 8620S Sealant Injection around Pipe Neck

4. WATERPROOFING CONSTRUCTION



Step 1:

Clean and spray water to moisten the concrete surface before construction (do not let water accumulate)



Step 2:

Apply the first coat after wetting the surface.
 Consumption: 1-1.25 kg/m²
 (Use sprayer or Broom - Neotex brush for application)



Step 3:

Reinforce **Gavazzi® 0059-A** mesh to wall base and entire floor while the layer is still wet to enhance tear resistance.



Step 4:

Apply the second coat after the first coat has been applied (8-10) hours.
 Consumption: 1-1.25 kg/m²
 (Use a sprayer or a Broom - Neotex brush for application)



Step 5:

Finished surface (maintain the waterproof surface for 7 days before soaking in water for acceptance)



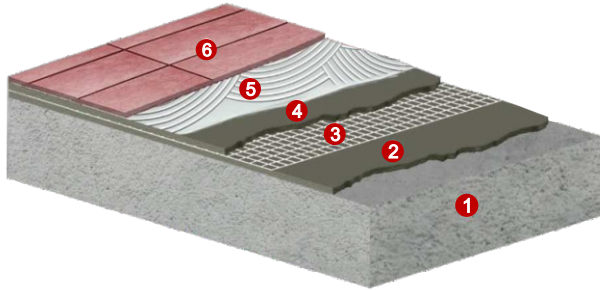
Step 6:

Roll out protective mortar and tile.
 (Use Lemax Ultra bond tile adhesive for tiling)

SPECIAL NOTE

- Cement-based waterproofing construction tools should use a sprayer or Broom - Neotex brush to ensure the material is evenly covered on the surface (should not be applied with a Roller).
- Do not apply **Revinex® Flex U360** in rainy or forecasted conditions.
- Cure Revinex® Flex U360 5 to 8 days before tiling or painting other materials.
- Construction temperature (environment - surface) from +5°C to +35°C.
- The durability of the waterproofing material (and in particular its resistance to water pressure) is enhanced by increasing the total dry film thickness, which can be achieved through the application of one or more additional layers.
- Waterproofing should not be applied on cement-based substrates that have not yet reached strength.

SYSTEM STRUCTURE


**WATERPROOFING UNDER TILES
 ON TERRACES / BALCONIES**

- 1 Cement base
- 2 Waterproofing layer 1: Revinex® Flex U360 (A + B)
- 3 Fiberglass reinforcement: Gavazzi® 0059-A
- 4 Waterproofing layer 2: Revinex® Flex U360 (A + B)
- 5 Lemax Ultra Bond Tile Adhesive
- 6 Tiles

Revinex® Flex U360 consumption: 2-2.5kg/m² for two layers

IMAGES OF MAIN PRODUCTS, ACCESSORIES AND CONSTRUCTION TOOLS

Revinex® Flex U360	Gavazzi® 0059-A Glass Mesh	Lemax LM-G650 Grout
Lemax Ultra Bond Tile Adhesive	Neorep - Repair mortar	Sealant BS 8620S / Jointex®
Swelling tape	Brush / Stirrer	Pressure Washer / Sprayer

Note: To ensure the highest quality and longevity of the project, customers must comply with the construction process, standards, and construction methods provided by the manufacturer.