

CONSTRUCTION PROCESS GUIDE

Balcony waterproofing with protective coating using **Neoproof® 360W**

WATERPROOF PROTECTIVE COATING

Rubber base - water based

Perfect alkali resistance

ADHESION: > 2.5N/MM²

ELONGATION: ~ 300%



INSTRUCTIONS FOR CONSTRUCTION STEPS

1. SURFACE PREPARATION

- Surface must be clean, free from flaking, contamination, or grease.
- 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. HUMIDITY MEASUREMENT

- Construction conditions: Surface moisture must be < 4%, air humidity < 80%.
- Apply at temperatures from +8°C to + 35°C.



Concrete surface moisture ≥4% not reached



Concrete surface moisture <4% achieved

3. CHECK WEATHER FORECAST

- Construction conditions: No Rain for 5-7 days

4. 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

5. WATERPROOFING CONSTRUCTION



Step 1:
Clean concrete surface before construction



Step 2:
Apply Revinex primer mixed with water (ratio 1:4).
Consumption: 0.05 kg/m²
(Primer must be stirred with a slow speed mixer for 3 minutes before application,...)



Step 3:
Apply the first coat (mixed with 5% water) after 2 hours of finishing the primer.
Consumption: 0.5 kg/m²
(the main material must be stirred with a slow speed mixer for 3 minutes before application, ..)



Step 4:
Reinforce Neotextile fabric at the base of the wall while the first layer is still wet to increase tear resistance.



Step 5:
Apply the second coat (pure), at least 2 hours after the first coat is completed and before 24 hours.
Consumption: 0.5 kg/m²

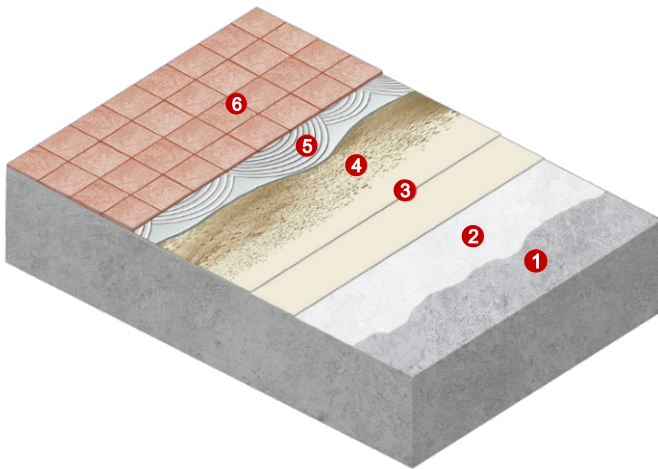


Step 6:
Finished surface. (Material fully cured after 7 days)

SPECIAL NOTE

- Neoproof® 360W should not be applied in rainy conditions or when high humidity is forecast or during the curing period.
- Special notes Each successive coat of **Neoproof® 360W** must be applied in a direction that is either longitudinal or distal to the previous coat. **Neoproof® 360W** should not be exposed to solar radiation.
- For applications with special requirements (such as flower beds) or when bridging cracks larger than 1.5mm, as well as in wall-floor junctions, **Neoproof® 360W** should be reinforced with a specially designed non-woven **Neotextile®** polyester mesh.
- In such cases, at least three coats of the product should be applied. In case of inverted roof insulation or insufficient insulation, a suitable roof ventilation system should be used.

SYSTEM STRUCTURE



WATERPROOFING UNDER TILES

- 1 Cement base
- 2 Lining material: **Revinex®** mixed with water (ratio 1: 4)
- 3 Waterproof base layer: **Neoproof® 360W** (minimum 2 layers)
- 4 Quartz sand (spread)
- 5 Elastic tile adhesive
- 6 Tiles

Neoproof® 360W consumption: 1.0kg/m² for two layers

IMAGES OF MAIN PRODUCTS, ACCESSORIES AND CONSTRUCTION TOOLS

Neoproof® 360W	Revinex® / Silatex® Primer	Neotextile® Nonwoven Fabric
Neorep - Repair mortar	Sealant BS 8620S / Jointex®	Lemax LM-G650 Grout
Lemax Ultra Bond Tile Adhesive	Brush, Roller / Agitator	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.