

# PROCESS 013

## FLEXIBLE WATERPROOFING SYSTEM FLOORING ROOTS AND ROOFS



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### 1. DOCUMENTS USED

**CONSTRUCRIL® ELASTIC PRODUCT SHEET®.**

### 2. PURPOSE

The purpose of Process 013 is to detail the application of Construcril.Elastic in gutters and roofs in fiber cement in general that are subject to the action of water, moisture and UV rays, in order to provide training of manpower and consequently to guarantee the impermeability of the areas.

### 3. REFERENCE

**NBR 9574 – Waterproofing Execution**



### 4. PLACES OF APPLICATION

- Fiber cement gutters and roofs

### 5. SAFETY AND TOOL EQUIPMENT

- IPE - mandatory of the work + rubber glove;
- 2 "and 4" brush;
- Sheepskin brush or roller
- 4 "Metal Spatula or Spatula;
- High pressure washer (VAP type);
- Broom
- 20 liter bucket;
- Stylus;
- Scissors

### 6. MATERIALS

- Construcril® Elastic®.

### 7. CONSUMPTION

- 400 g / m<sup>2</sup> per coat - depending on substrate conditions porosity (estimated)

### 8. INITIAL CARE

- Clean the area to be waterproofed with a high pressure washer pressure, with 10% chlorine dilution per liter of water, removing any existing residue or dirt;
- Regularize faulty places, such as holes and minor faults, with an additive mortar plastering with Construcril Chapix in trace 1 - Construcril Chapix / 3 – mortar AC-I and soften with water.

### 9. PRIMING

- For better adhesion between substrate and waterproofing membrane, application of priming is recommended

#### 9.1. PREPARATION OF PRIMING PRODUCTS

- Construcril Elastic should be diluted with 25% water;
- This water must be clean and free of impurities

#### 9.2. PRIMING IMPLEMENTATION

- Apply paint priming to the entire area to be waterproofed;
- Note: POT-LIFE (mixing time): prepare the amount of mixture to use at most 120 minutes

### 10. APPLICATION OF WATERPROOFING SYSTEM FOR ROOF FIBER

- Construcril Elastic dispenses with mixtures as it is ready to be applied;
- Apply three cross coats to the area to be waterproofed where the priming has already been performed;
- Always respect the 90 minute cure between coats to 25°C and 50% relative humidity.

### 11. WATERPROOFING SYSTEM APPLICATION METALLIC

- 1) Wash the roof or gutter with a pressure washer using a mixture of water and detergent to remove dirt and grease stains;
- 2) Remove points where the oxidation of the metal with the aid

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- of a wire brush and a cloth moistened with raz water;
- 3) Apply a preparative bottom specifically for sheet metal across the roof (Luksgalv);
- 4) After application of sealer or primer reach its full cure, treat the corners, drains and roof joints with polyester mesh
- 5) In every adjacent area apply 3 coats of Construcril Elastic or up to a consumption of 1.2 kg / m<sup>2</sup>.

### 12. FINAL CARE

- After the waterproofing has been performed, it is recommended that a water depth load test 72 h minimum for system application verification employed according to NRB 9574/1986;
- With Construcril Elastic you should take the usual care typical of chemicals;
- Good ventilation of the work area;
- Use of work clothes and gloves to protect the skin;
- Wash with clean water;
- After application, clean tools before hardening of product.

### 13. TECHNICAL SUPPORT

The information contained in this data sheet is accurate based on in our essays, scientific knowledge and evidence at work. Strict quality control and reputable suppliers ® guarantee the integrity of our products. The Construcril has qualified professionals to support you technical and training in the application of our products. Not We take no responsibility for bad products applied. For more information contact our technical department.

