

PROCESS 005

JOINT TREATMENT SYSTEM INVISIBLE ON CIMENTATIVE PLATES



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1. DOCUMENTS USED

CONSTRUCRIL FLEX PRODUCT SHEET

2. PURPOSE

The purpose of Process 005 is to detail the application of invisible joints treatment in cementitious slabs, in order to provide the training of the workforce and consequently to ensure the desired results

3. REFERENCES

NBR 9574 – Waterproofing Execution

4. PLACES OF APPLICATION

- Treatment of invisible joints in cementitious sheets

5. SAFETY AND TOOL EQUIPMENT

- IPE - mandatory of the work + rubber glove;
- Drilling machine
- Propeller / mixer;
- 2 "brush
- 4 "brush
- Sheeps wool brush or roller
- Metal plow or spatula; mixture;
- Stylus
- Scissors;
- Roll of sheep's wool from below
- Broom



6. MATERIALS

- Construcril Flex;
- Cement (CP II E 32 or CP II F 32) provided by the work;
- ACI adhesive mortar provided by the work;
- PVC-coated polyester canvas - width 30 cm 2 x 2 mesh
- mm;
- PVC coated polyester canvas - width 0.73 m x 0.10 m
- 2 x 2 mm mesh

7. CONSUMPTION

- 400 g / m² per coat.

8. INITIAL CARE

- The plate must be fixed in the structure according to system used;
- Do not apply in bright sunlight

9. SURFACE PREPARATION

- Surfaces must be clean, free of dust, oil or grease, free of debris, iron tips, particles loose etc.

10. TREATMENT MORTAR

10.1. MIX PREPARATION

- Mechanically mix ACI Adhesive Mortar with Construcril Flex in the 20: 6 dash (ACI Adhesive Mortar: Construcril Flex) with drill with mixer
- coupled until no lumps are present in the mixture;
- § Soften to the ideal workability point, which may vary according to the mortar characteristics;
- § Note: POT-LIFE (mixing time): Prepare the amount of mixture to be used within 120 minutes.

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10.2. METHOD OF IMPLEMENTATION JOINT TREATMENT

- Fill the spacing between the cement plates and their recess with treatment mortar, using a trowel or metal spatula, promoting better penetration and removing excess material;
- Secure the 30 cm polyester mesh (2 x 2 mm mesh) by



compressing it with the tool and then apply the second

coat of the treatment mortar enough to cover the screen, promoting evenness between the joint and the rest of the plate area;

- Wait 24 hours for the next step.

11. FINAL TREATMENT

11.1. MIX PREPARATION

- Mechanically mix Construcril Flex with cement (CP II E 32 or CP II F 32) in the 1: 1 stroke (Construcril Flex: cement) with a drill with a mixer attached until no lumps are present in the mixture;
- Note: POT-LIFE (mixing time): Prepare the amount of mixture for use within 120 minutes

11.2. METHOD OF FINAL IMPLEMENTATION OF TREATMENT OF JOINTS

- Apply to the treatment of joints the flexible waterproofing mixture, in the form of paint, gluing the structuring polyester fabric (width 0.73 m x 0.10 m mesh 2 x 2 mm);
- On the screen apply two other coats of the same mixture observing the cure time between coats;
- Always respect curing between coats which is 40 to 90 minutes at 25°C and 50% relative humidity;
- Note: POT-LIFE (mixing time): Prepare the amount of mixture for use within 120 minutes

12. FINAL CARE

- With Construcril Flex you should take the usual chemical care;
- 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 product hardens.

13. TECHNICAL SUPPORT

The information contained in this data sheet is accurate based on our tests, scientific knowledge and on-site evidence. Strict quality control and reputable suppliers guarantee the integrity of our products. Construcril has qualified professionals to provide all technical support and training in the application of our products. We assume no responsibility for misapplied products. For more information, contact our technical department.