

PROCESS 11

JOINT TREATMENT SYSTEM SURFACE ON CEMENT BOARDS



CONTENT

1. Documents used
2. Purpose
3. References
4. Application Locations
5. Safety Equipment & Tools
6. Materials
7. Consumption
8. Base Coat Surface Treatment
9. Preparation
10. Beginning of the application of Joint Treatment
11. Beginning of surface treatment application
12. Important Remarks
13. Packaging
14. Recommendations
15. Storage
16. Comments



1. DOCUMENTS USED

CONSTRUCRIL BASE COAT PRODUCT SHEET

2. PURPOSE

The purpose of Process 11 is to detail the treatment application invisible joints in cementitious plates in order to provide training of the labor force and consequently to guarantee the obtaining the desired results.

3. REFERENCE

NBR 13276/05-NBR 13277/05-NBR 13278/05-NBR 13279/05-NBR 13280/05-NBR 15258/05-NBR 15259/05-NBR 15630/05

4. PLACES OF APPLICATION

- Cement board
- Wall Panels
- Eifs system
- Light Steel Frame
- Wood Frame
- Masonry
- Closures

5. SAFETY AND TOOL EQUIPMENT

- IPE - mandatory of the work + rubber glove;
- Drilling machine;
- Propeller / Mixer
- Brush;
- Toothed perforator and metal spatula;
- Stylus;
- Scissors;

6. MATERIALS

- Construcril Base Coat;
- Glass wire mesh 2 x 2mm, 50mts x 1 mt;
- Fiberglass mesh screen 2 x 2 mm, 50 mts x 10 cm

7. CONSUMPTION

- On average 7m² with a minimum thickness of 3mm per pack

8. COAT-BASED SURFACE TREATMENT CARE REQUIRED BEFORE APPLICATION

- Before starting Base Coat surface treatment, rigorously check that the temperature of the plates is between 5 ° C and 28 ° C (degrees Celsius) to ensure that proper cure of the mortar without dehydrating incorrectly and cause mechanical damage or pathologies such as cracks and fissures. plate must be fixed to the structure as system used;
- In rainy periods, the plates may absorb moisture, It is necessary to wait for a day of dry weather to that they can expel this moisture. Thus,ensures that the plates are not sealed and waterproof.
- with moisture retained after curing of Construcril Base Coat

9. METHOD OF PREPARATION

- With the aid of a clean bucket and a mechanical mixer low, rotate, mix a 20kg Construcril Base Coat Mortar (powder) at approximately 4.5 liters of clean water
- If necessary, add more water gradually and repeat the process with the mixer until you get a grout homogeneous.
- Let the mixture stand for 5 minutes. After time stipulate to mix the material again. Do not use any additive> do not mix in quantity that cannot be applied in one hour.

PROCESS 11

JOINT TREATMENT SYSTEM SURFACE ON CEMENT BOARDS



10. START OF IMPLEMENTATION OF TREATMENT OF JOINTS

STEP 1

- After fixing the cementitious plates, clean the surface be treated by removing any element that is detrimental to its adherence (dust, oil, grease etc.).



STEP 2

- Using a spatula, fill with mortar Cosntrucril Base Coat the joint between the plates

STEP 3

Apply the Construcril "10 cm" stranded tape over the joints and cover using a spatula with mortar Construcril Base Coat, smoothing it without curling. Wait 4 to 6 hours for the mortar to dry to give start the next step.

Note: The product should not be used solely for joints treatment, this step should always be complemented with surface treatment.

▪ 11. START OF APPLICATION OF TREATMENT OF SURFACE

STEP 1

- Start surface treatment by applying mortar Contrucril Base coat over the full length of the plate using a toothed trowel, forming a layer of approximately 3 mm.

STEP 2

- Position the Contrucril fiberglass screen "100 cm" over the surface where the mortar was applied. With the help of a smooth trowel spread the mortar well so that the screen is not visible. Overlap 10 cm in all screen encounters.

STEP 3

- aRight after surface treatment cure period Construcril Base Coat is indicated for the application of waterproof surface sealer to reduce the weather (sun and rain) on the wall or coating until completion of the final finish. To apply mortar surface protection Construcril Base Coat 60 days maximum.

12. IMPORTANT OBSERVATIONS

- Not mirroring the mortar over too large an area may to dry making the application and regularization process difficult.
- Do not apply the mortar on rainy days and with the surface moist. Make sure the plate is completely dry to make the application

▪ 13.PACKAGING

- 20 kg bags.

▪ 14. RECOMMENDATIONS

- Use appropriate IPE;
- Avoid contact with skin and eyes. Prolonged contact with the skin can cause dermatitis

PROCESS 11

JOINT TREATMENT SYSTEM SURFACE ON CEMENT BOARDS



- Do not drink, eat or smoke during handling.
- Wash your hands after work;
- Transportation: Product not classified as hazardous according to transport ordinance. (ANTT Resolution No. 420 of 02/12/20014).
- Fire: Non-flammable and non-explosive product.
- Toxicity: Product not considered toxic, but avoid direct contact without IPE and keep out of reach of children.

15. STORAGE

- Store the product in a covered, cool, dry and ventilated place, out of reach of children, animals and away from heat sources. Never expose direct solar radiation.

16. COMMENTS

- Construcril guarantees the quality of all products, not assuming responsibility for performance of the work since we have no direct control over the application. All products must be applied as directed in our datasheets and processes provided by company on site and technical department