

TexNov PB

Method of application for cement board panels.

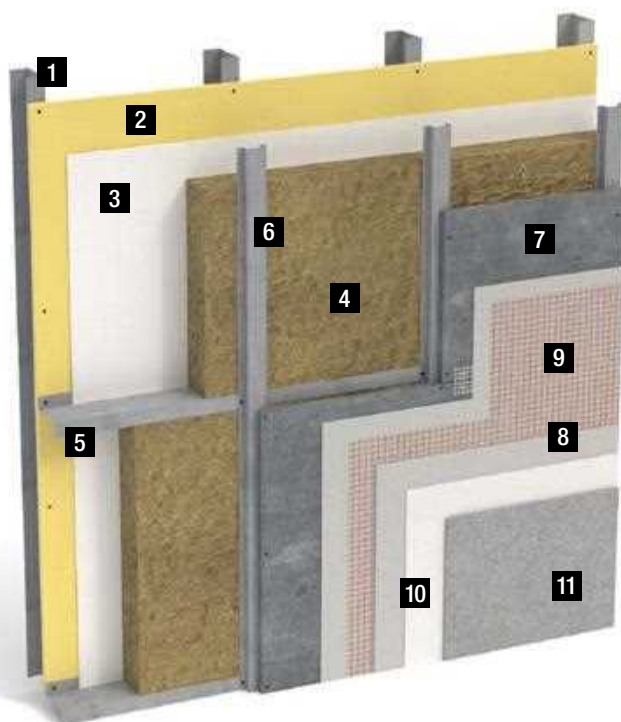
The **TexNov PB** is very flexible and is proven to protect the cement board panels against external elements. The **TexNov PB** allows for the option to integrate the **TexPro FlexStop** weather penetration barrier as a secondary line of protection prior to installing the furring. The **TexNov PB** meets the requirements for non-combustible construction. Used in commercial or residential projects.

Products used for installation

(See technical product data sheets for more information)



- **TexPro** Flexstop
- **TexPro** Fiberglass Mesh
- **TexPro** Base NC
- **TexPro** Flexroll
- **TexPro** Flextex



- 1** Steel structure
- 2** Substrate
- 3** FlexStop
- 4** Insulation panel: optional
- 5** Z bar
- 6** Vertical metallic furring
- 7** Light concrete panel with mechanical fastening (rust-resistant self-penetrating screws)
- 8** Base NC
- 9** Fiberglass mesh embedded in the base coat
- 10** Flexroll primer coat
- 11** Flextex finish coat

The application instructions and performance characteristics are based on information we believe to be reliable. They are offered to the best of our knowledge, but without guarantee, as conditions and methods of use of our products are beyond our control.

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Thermal coating method with finish coating

TexNov PB

1 Generalities:

1.1 Related work specified at other sections:

- 1.1.1 _____
- 1.1.2 _____
- 1.1.3 _____

1.2 Quality Assurance.

- 1.2.1 The applicator must provide labour, materials and equipment necessary for the installation of the **TexNov PB** acrylic covering method from **TexNov inc.**, or an approved equivalent.
- 1.2.2 The applicator will be qualified, have at least 5 years of continuous experience in the installation of materials of the specified type and be able to provide proof of this at the request of the architect.
- 1.2.3 The applicator must provide on request a 6 «x 1' (15 cm x 30 cm) sample of the **TexNov PB** method above for each of the colours and textures, using the same hardware, the same technique and the same tools that will be used for the implementation of the project.
- 1.2.4 The applicator must follow the specifications of the manufacturer in the installation of the **TexNov PB** method.

1.3 Description of the *TexNov PB* method.

- 1.3.1 The **TexNov PB** method is composed of concrete panels on which are applied:
 - An acrylic base on the joints.
 - 3" reinforcing fiberglass mesh on the joints.
 - Base acrylic coating over the entire surface.
 - Fiberglass mesh over the entire surface.
 - A coloured primer (if necessary).
 - A 100% acrylic finish coating.
 - By using PVC mouldings (if needed).

1.4 Details of the *TexNov PB* method.

- 1.4.1 Concrete panels approved by: **TexNov inc.**
- 1.4.2 **TexPro Base NC** base acrylic coating on joints in which the 3" fiberglass mesh is buried.
- 1.4.3 **TexPro Base NC** base acrylic coating is applied over the entire surface into which the fiberglass mesh is buried.
- 1.4.4 The **TexPro Flexroll** coloured primer is used to coordinate the colour of the substrate to the finish coating.

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- 1.4.5 **TexPro FlexTex** pre-mixed 100% acrylic co-polymers, colour and texture selected by the architect, and manufactured by **TexNov inc.** (See Reference Manual). Texture: ____
Colour: ____

1.5 Delivery, storage, handling.

- 1.5.1 Delivery: All material supplied by **TexNov inc.** must be delivered intact in their original packaging.
1.5.2 Storage: All materials supplied by **TexNov inc.** should be stored and protected from the weather and damage at a temperature above 5°C (41°F).

1.6 Site implementation conditions.

- 1.6.1 Temperature. Ambient air temperature should be at least 5°C (41°F) and more during the installation of the **TexNov PB** method and remain at 5°C (41°F) or higher for at least 24 hours after installation.
1.6.2 Protection of adjacent materials: protect adjacent materials for damage or splashes resulting from the laying of coatings. If necessary, cover surfaces, equipment, etc. with appropriate methods.
1.6.3 Coordination of work: coordinate installation of the **TexNov PB** method with the other trades bodies.
1.6.4 Pace of work: provide the workforce necessary to ensure continuous operation without restarting (cold joint) and variation in texture.

1.7 Warranty.

- 1.7.1 From the date of receipt of the final payment for the work, **TexNov inc.** warrants the materials it provides, when applied according to application instructions and the manufacturer's specifications, will give results identical to those which are listed and described in the manufacturer's Reference Manual. This warranty applies only to the use of products on substrates approved by **TexNov inc.**
1.7.2 **TexNov inc.** is not responsible for the architecture, engineering and execution.
1.7.3 Under this warranty, the sole and exclusive remedy will be that **TexNov inc.** will provide replacement materials, if determined that the materials provided were originally defective, provided that no more than ten (10) years have elapsed after the original application. **TexNov inc.** makes no other implicit or explicit warranty.

2 Products:

2.1 Generality :

- 2.1.1 All materials and components of the **TexNov PB** exterior covering method must be obtained from **TexNov inc.** or its authorized representatives.
2.1.2 No substitution of materials will be accepted, unless authorized in writing by **TexNov inc.**
2.1.3 Acceptable materials: components of the **TexNov PB** method from **TexNov inc.** or an approved equivalent.

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2.2 Approved materials and manufacturer.

- 2.2.1 Concrete panels:
 - Products from a manufacturer approved **TexNov inc.**
 - Designed for exterior use.
- 2.2.2 Fasteners:
 - With flat heads flat and treated against corrosion, specifically designed for concrete panels.
- 2.2.3 **TexPro Base NC** base coating manufactured by **TexNov inc.**: 100% acrylic base that mixed with Portland cement in a fixed proportion, will give a paste which will serve as adhesive or adjustment coating in which the fiberglass mesh will be incorporated.
- 2.2.4 3" (7.5 cm) fiberglass mesh and regular meshes of 38" (15.25 cm), treated against alkalis such as provided **TexNov inc.**
- 2.2.5 **TexPro Flexroll** coloured primer coating.
Recommended to coordinate the colour of the finish coating substrate.
- 2.2.6 **TexPro FlexTex** 100% acrylic copolymers, mixed in the factory, including the colour and texture selected by the customer or architect, such as manufactured and supplied by **TexNov inc.**
The colour will be: # _____
(See colour chart in the Reference Manual).
The texture will be: _____
(See texture chart in the Reference Manual).
- 2.2.7 Water: Clear and drinkable.
- 2.2.8 Sealants: Polyurethane approved by the manufacturer; the colour chosen by the architect.
- 2.2.9 PVC mouldings (If needed):
As specified by the manufacturer.
- 2.2.10 Results of laboratory tests.
(See section: Assessment of our products in the Reference Manual).

3 Performance of work:

3.1 Inspection:

- 3.1.1 Before starting work, check the compatibility of the substrate with the specifications of the project and the proposed method.
- 3.1.2 Make sure that the substrate is covered with a weather barrier such as a TexPro FlexStop or equivalent.
- 3.1.3 Make sure that the bottom of the walls is ventilated.
- 3.1.4 Ensure that flexible flashing such as sticky membrane (Blue Skin) has been installed at the perimeter of all openings.
- 3.1.5 Ensure that a PVC or aluminum water drop flashing type has been installed at the top and bottom of all openings.
- 3.1.6 Ensure that the concrete panels have been installed using screws treated against corrosion.
- 3.1.7 Ensure that on each row, the vertical joints of the concrete panels are offset from joints in the lower panels.

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- 3.1.8 Make sure that the fasteners have been installed according to the recommendations of the manufacturer for concrete panels.
- 3.1.9 Make sure that the screws have been screwed in to touch the surface
- 3.1.10 Make sure that the expansion joints have been installed at every 20' (600 mm) vertically and horizontally, or according to the architect's recommendations.
- 3.1.11 Notify the architect of conditions that are unacceptable and do not start work until corrections have been made.

3.2 Installation:

- 3.2.1 A Weather Barrier such as a **TexPro FlexStop** or equivalent must be applied over the exterior substrate
- 3.2.2 **TexPro Base NC** base coating will be applied on the 3" (7.5 cm) joints, and the inside and outside corners to incorporate the mesh fiberglass. The coating will be leveled immediately.
- 3.2.3 9" mesh strips (22.5 cm) x 12" (30cm) will be installed at an angle of 45° to the corners of all of the openings and the coating will be leveled immediately.
- 3.2.4 Wait 24 hours between the laying of the mesh strips and the laying of the leveling layer on any surface.
- 3.2.5 **TexPro Base NC** base coating will be applied over the entire surface with a minimum thickness of 3/32" (2.5 mm) by incorporating the fiberglass mesh. The surface will immediately be flattened and smoothed by avoiding trowels marks.
- 3.2.6 Wait 24 hours between the laying of the **TexPro Base NC** levelling coating and the finish coating.
- 3.2.7 We recommend application of one coat of **TexPro Flexroll** coloured primer to coordinate the colour of the substrate to the finish coating.
- 3.2.8 The coloured finish coating # ____ and the texture: ____ will be applied continuously and leveled immediately to give the work a uniform appearance to avoid holes, over-thickness, cut-off lines of demarcation and defects.
- 3.2.9 Polyurethane sealants will be applied according to the manufacturer's recommendation.
- 3.2.10 The construction work site should be progressively cleaned. At the end of the work, rid the site of all scrap and surplus materials covered by this specification.

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