TEXPRO BASE

Cementitious base coat
Adhesive & leveling coat

TexPro Base is a collection of cementitious base coats.
It is mixed with cement to obtain a homogeneous paste.

The product is a mixture composed of 100% acrylic polymer with inorganic pigments, marble grits, quartz sand, silica aggregates, additives and high performance fungicides. Applicable indoors and outdoors.

TexNov

*Acrylic Coatings
Manufacturer*

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1-Product description

TexPro Base is a collection of cementitious base coats. Here are the different *TexPro Base*:

- TexPro FlexBase:
Slow drying and applicable in warm weather

- TexPro Base Express:
Quick drying, waterproof and excellent adhesion

- TexPro Base NC:
Incombustible base coat

The *TexPro Base* is mixed with cement to obtain a homogeneous paste. The product is a mixture composed of 100% acrylic polymer with inorganic pigments, marble grits, quartz sand, silica aggregates, additives and high performance fungicides. Applicable indoors and outdoors.

FlexBase and *Base Express* fillers can be used as an adhesive. *TexPro Base* can also be used on the following surfaces: gypsum, rigid insulation, masonry, brick, stucco and concrete. *Base Express* can also be used on fiberglass. The unevenness to be filled for any surface should not exceed more than 6.4mm (¼").

Two coats are strongly recommended as a base coat. The recommended thickness of *TexPro Base* is 3/32" (2.4 mm) when applying a total of 2 coats. According to our recommendations, the coating must be reinforced with fiberglass mesh approved by TexPro.

Base NC meets the non.combustibility requirements of CAN/ULC-S114.

Features	Benefits
Freeze-thaw stable	Nordic climate installation
Resistance to accelerated aging	5 years
Alkali resistance	Compatible with cement
Water absorption < 15%	Reduced infiltration

2-Area covered

An 18.9 L container covers approximately 140 ft^2 (13 m^2).

3-Mix

The mix must be prepared on site. Carefully mix *TexPro Base* in equal weight 1 to 1 with Portland cement type 1 GU to obtain a homogeneous paste. For *Base NC* the proportion of cement can be reduced if necessary. Let stand 5 minutes. Add, if necessary, a small quantity of drinking water and in minimal quantity (1 cup maximum) to obtain more malleability. It is important to put the same amount of water for all the boilers. No additives or accelerants should be added. Portland cement type 1 GU is required because it meets the following standards:

- ASTM C150
- Standard CSA A3000-08 binder materials
- National Building Code of Canada (NBCC)
- Provincial building codes: Ontario, Quebec, British Columbia, Nova Scotia

4-Installation

Surface Preparation: Surfaces to be coated should not be painted, they should be clean, dry and free of any foreign material or damage. They must be free of grease and oil and other products which will prevent good adhesion.

Application:

Once the product is mixed, the installation time is approximately 30 minutes. Surface and ambient air temperature must be 5°C (41°F) or higher and remain so for a minimum of 24 hours. Avoid application in direct sunlight or during periods of excessive heat. The *FlexBase* can tolerate heat up to 40ºC. For *Base Express* and *Base NC* 30ºC is recommended.

With a trowel, cover the surface with an even layer 1/8" thick with *TexPro Base*. Immediately apply the reinforcement mesh and smooth the surface with the stainless steel trowel until that the tiling of the trellis is no longer apparent. The mesh should be completely embedded in the base layer, avoid creases. Lattices should be continuous at the corners and overlap.
The base coat must be fully cured before proceeding with the application of the top 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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For use as an adhesive for rigid insulation: the application is done with a notched or notched trowel (3/8'' x 3/8'') on the back of the insulation sheet which forms ribbons which serve as adhesion to the substrate. It is important that the adhesive strips do not touch each other and do not form a "V" which would retain water. Depending on the material, certain mechanical fasteners will be necessary, for more details consult the TexNov technical department.

Temporary protection:

As long as the installation of the base coating, the finishing coating, the flashings and the sealants has not been completed, protect the wall against bad weather and other possible damage.

Drying:

The drying time of *TexPro Base* depends on the ambient air and relative humidity. Under normal drying conditions, i.e.: 21°C (70°F) and 55% R.H., the drying time is 24 hours. The *Base Express* will have an accelerated drying and develop a resistance to washing out more quickly.

5-Product storage

TexPro Base should be stored in its tightly closed container at a temperature of at least 4°C (39°F) away from direct sunlight. Store away from frost. The product life is 1 year.

6-Conditions of transport

Shipping name: Not applicable.
TDG classification: Not regulated.

Note: This product does not require any special measures during international transport.

Performance of *TexPro Base*	
Test Requirement	**Result**
Adhesion to insulation **ASTM D1623** ≥ 0.1 MPa	0.39 MPa
Adhesion to concrete **ASTM D1623** ≥ 0.1 MPa	≥ 1 MPa
Adhesion on *FlexStop* **ASTM D1623** ≥ 0.3MPa	1.08 MPa *(FlexStop CB)* 0.48 MPa *(FlexStop)*
Water absorption 48 h ≥ 20%	13-14%
Watertightness 2h ≥ 90% waterproof	Passed
Water Vapor Permeability ASTM E96	≥ 3 perms
According to ASHRAE 2009 vapor permeable ≥10 perms. vapor impermeable ≤0.1 perms.	
Volatile Organic Compound **(Calculated VOC)**	≤ 10 g/L
Resistance to accelerated aging 2000h ASTM G154 No cracking, or deleterious effect	Passed
Salt spray resistance **300h ASTM B117** No deleterious effects	Passed

CAN/ULC S-114 fire test
 - **No flame**
   between 30 sec. and 15 mins.
 - **Maximum temperature**
   gain of 36°C
 - **Weight loss** Maximum of 20%
	Passed *(Base NC)*
	 None
	 0°C
	 7.73%

Note: Base NC with FlexTex are used in systems that meet CAN/ULC S-101 and CAN/ULC S-134 standards.