

TexNov



TEXPRO BASE

Cementitious base coat Adhesive & leveling coat

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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.

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Acrylic Coatings
Manufacturer

TEXPRO BASE

Cementitious base coat - Adhesive & leveling coat

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 (1/4").

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 ft² (13 m²).

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 40°C. For **Base Express** and **Base NC** 30°C 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.

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 <i>TexPro Base</i>	
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 <i>FlexStop</i> ASTM D1623 ≥ 0.3MPa	1.08 MPa (<i>FlexStop CB</i>) 0.48 MPa (<i>FlexStop</i>)
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 (<i>Base NC</i>) 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.*

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
Name: TexPro Base Description: Cementitious base coat - Adhesive & leveling coat Restriction of use: Sanding or grinding the dried product emits dangerous dust	TexNov inc. 839 Joseph-Louis-Mathieu Sherbrooke, Québec, Canada J1R 0X3 Emergency Phone Number: 1 877 316-6388

SECTION 2 - HAZARD IDENTIFICATION

Pictograms

None

Warning statements

None

Product classification

None

Hazard statements

None

Precautionary statements

Prevention: Wear gloves and safety glasses. Use in a well-ventilated area. Inhalation of sanding dust or grinding of the dry product may be harmful. These dusts can cause irritation to the airways and can damage organs (lungs). This product contains ingredients that are considered carcinogenic if transformed into dust.

Intervention: Consult a doctor if you feel unwell.

INGESTION: Call Poison Control Center or doctor immediately. Do not induce vomiting unless advised by the doctor. **EYES:** Immediately flush with plenty of water for 15 minutes, occasionally lifting the eyelids. **Skin:** wash with soap and water. Take off immediately all contaminated clothing. **INHALATION:** If person is not breathing, give artificial respiration and seek medical attention. If breathing is difficult, remove victim to fresh air.

Storage: Store at 5 to 30°C in a closed plastic container. Keep away from frost.

Disposal: Dispose of contents and container in accordance with local regulations.

SECTION 3 - COMPOSITION / INFORMATION ON THE COMPONENTS

Ingredient	# number	% (weight/weight)
Crystalline silica (Quartz)	14808-60-7	0.1 - 1
Titanium dioxide	13463-67-7	0.1 - 5

The crystalline silica and titanium dioxide contents of the product are considered encapsulated or embedded in the binder polymer and not bio-accessible by inhalation in normal use of the product. Based on current knowledge and applicable concentrations, there are no other ingredients that are classified as hazardous by GHS in this product that should be reported in this section.

SECTION 4 - FIRST AIDS

Eye contact: Flush eyes with water. Consult a physician if irritation persists.

Skin contact: Soap and rinse exposed area thoroughly. Consult a physician if irritation persists.

Ingestion: Rinse mouth with water. Do not induce vomiting unless prompted by medical advice. Do not swallow anything to an unconscious person.

Inhalation: Move person to a well-ventilated area. Consult a doctor if headaches persist.

SECTION 5 - MESURE IN CASE OF FIRE

Non-flammable product, but it may splash if heated above boiling point.

Combustion product: If the product is heated to combustion, after the release of water vapor, carbon oxides will be emitted.

Use the appropriate extinguisher.

SECTION 6 - MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL DISPERSION

Pick up all the dispersion with a shovel and eliminate the discards. Do not send the dispersion into the sewer, occurs can clog the piping.

SECTION 7 - HANDLING AND STORAGE

Handling safety precaution: Do not eat, smoke or drink in the work area. Wash hands after handling. Avoid contact with hands and eyes.

Storage safety conditions: Keep in a dry place away from frost and sunlight. The product may coagulate. The storage temperature is 5 to 30°C. Keep in a closed plastic container.

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

CONTROL PARAMETERS:

Occupational Exposure Limits: Sanding or grinding this product in its dry form may produce particles of titanium dioxide and crystalline silica.

Breathable dust	RSST		ACGIH TLV	
	VEMP	DIVS	TWA	STEL
Crystalline silica (Quartz)	0.1 mg/m ³	50 mg/m ³	0.025mg/m ³	Not available
Titanium dioxide	Not available	5000 mg/m ³	10mg/m ³	Not available

RSST : Regulation respecting occupational health and safety; VEMP : Weighted average exposure value

DIVS : Immediate danger to life and health; ACGIH : American Conference of Governmental Industrial Hygienists

TLV : Threshold limit value; TWA : Time-weighted average; STEL : Short-term exposure limit.

Individual protection measures

Respiratory protection: Wear appropriate respiratory protection if dusts / fumes / gases / mists / vapors / aerosols are possible above permissible limits. Use in a well ventilated place.

Eye Protection: To reduce exposure, wear safety glasses.

Hand protection: To reduce exposure, wear gloves. Wash your hands thoroughly after using the product. Do not eat, drink or smoke when handling this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Creamy white liquid or colored as needed.

Odor: Low odor of ammonia.

Odor threshold: Not available

pH: 9-9.5.

Freezing point: 0°C

Boiling point: 100°C.

Evaporation rate: Not available.

Flammability (solid and gas): Not applicable.

Explosive limit: Not applicable.

Vapor pressure: Not available.

Vapor density: Not available.

Relative density: 1,4.

Solubility in water: may be diluted with water.

Partition coefficient n-octanol / water: Not available.

Auto-ignition temperature: Not applicable.

Decomposition temperature: Not available.

Viscosity: 7000 mm²/s (converted from measurement on Brookfield).

SECTION 10 - TABILITY AND REACTIVITY

Chemical stability: This product is considered stable under recommended storage conditions.

Reactivity: Incompatible with strong oxidants and strong acids.

Possibility of hazardous reactions: This product can not polymerize.

Hazardous decomposition product: If the product is heated to combustion, there will be emission of carbon oxides.

SECTION 11 - TOXICOLOGICAL DATA

Routes of entry: This product may be absorbed through the respiratory, digestive and cutaneous routes.

Acute toxicity (calculated GHS):

Product	DL ₅₀ oral, mg/kg	DL ₅₀ cutaneous, mg/kg	CL ₅₀ , mg/L
TexPro Base	> 10000 (rat)	> 10000 (rabbit)	> 100 (rat)

Skin irritation: Virtually nil. An irritation of a mechanical nature is possible.

Irritation of the eyes: Not important. An irritation of a mechanical nature is possible.

Respiratory or skin sensitization: Virtually nil.

Specific target organ toxicity: Crystalline silica can cause damage to organs (liver, spleen, kidneys, and lymph node) after repeated exposure or prolonged exposure. Levels of crystalline silica in the product are too low for GSH classification has toxic for organs. Extract from the toxicological index linked to this mention: A very small proportion of silica can pass into the bloodstream in the form of silicic acid. The latter can be deposited in the liver, spleen and lymph nodes. The silicic acid is then excreted unchanged via the kidneys.

Carcinogenicity:

The sanding or grinding of this product in its dry form can produce particles of titanium dioxide and crystalline silica which are considered carcinogens classified 2B and 1 respectively according to IARC. Repeated inhalation of crystalline silica can cause lung damage and silicosis.

Ingredient	CIRC	ACGIH	NTP
Crystalline silica (Quartz)	Group 1	Group A2	K
Titanium dioxide	Group 2B	Group A4	N

CIRC : International Center for Research on Cancer. Group 2B : May be carcinogenic to humans. Group A4 : Non-classifiable substance as a carcinogen to humans. NTP : National Toxicology Program; N : Negative.

Reproductive toxicity: none.

Germ cell mutagenicity: none.

SECTION 12 - ECOLOGICAL DATA

Ecotoxicology: Not available.

Bioaccumulative potential: Not available.

Volatile organic compounds (V.O.C.): ≤ 50g / L.

SECTION 13 - DATA FOR DISPOSAL OF THE PRODUCT

Dispose of releases in accordance with municipal, provincial and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

Shipping Name: Not Applicable.

TDG Classification: Not Regulated.

SECTION 15 - REGULATORY INFORMATION

WHMIS 2015 Classification: None

The product classification and the SDS have been developed in accordance with the HPR.

SECTION 16 - OTHER INFORMATION

SDS prepared by: TexNov inc.

Emergency telephone number: 1-800-688-5990

Revision Date: 2023-07-01

Warning: The information and recommendations contained in this document have been written to the best of knowledge and technical data collected by TexNov inc. at the time of the revision. This document is intended to inform users of the product about the precautionary measures when using the product. No warranty is given on the properties mentioned on the products. No liability will be assumed for cases of misuse of the product or failure to observe the safety instructions contained in this document.