

TexNov



TEXNOV 200 PREMIUM

High performance basecoat

TexNov 200 is a 100 % acrylic resin mixture with inorganic pigments, marble grit, quartz sand, silica aggregates, additives and high performance fungicides. Based on the desired application, mix **TexNov 200** with Portland type 1 GU cement. It can be used as adhesive, as surface and protection coating, concrete repair coating, or as base coating polystyrene foam with fiberglass mesh.

TexNov

Acrylic Coatings
Manufacturer

TEXNOV 200 - PREMIUM

Surface and protection coating

1- Product Description

TexNov 200 is a 100 % acrylic resin mixture with inorganic pigments, marble grit, quartz sand, silica aggregates, additives and high performance fungicides. Based on the desired application, mix **TexNov 200** with Portland type 1 GU cement. It can be used as adhesive, as surface and protection coating, concrete repair coating, or as base coating polystyrene foam with fiberglass mesh.

2- Coverage

The quantity to apply will depend on the surface, texture and porosity of the substrate.

- Trowel (thickness 2 mm):
10 L covers ± 6.9 m² (2.6 gal covers ± 74 ft²)
18.9 L covers ± 13 m² (5 gal covers ± 140 ft²)
- Roll or gravity gun
(2 layers of 0.75 L/m² based on MTQ standards):
10 L covers ± 6.6 m² (2.6 gal covers ± 71 ft²)
18.9 L covers ± 12.5 m² (5 gal covers ± 135 ft²)

3- Mix

Separate the content of a **TexNov 200** bucket into two equal parts. Thoroughly mix **TexNov 200** while gradually adding Portland cement type 1 GU (See table for applicable proportions based on the application type). Let the mixture stand for 5 minutes.

Do not add water, as this could make application of the product more difficult, and affect its performances. If necessary add **TexNov 200** to adjust viscosity.

Applications types		Product	Cement P
Surface coating or protection (Roll/Gravity gun)	Weight	75%	25%
	Volume	65%	35%
Adhesive (trowel)	Weight	65%	35%
	Volume	50%	50%

Portland cement type 1 GU meets the ASTM C 150 and CSA A3000-08 standards.

Portland cement type 1 GU meets the following norms:

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

4- Application

Consult the substrates sheets for the type of application in compliance with your type of surface on our website.

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Apply the product early in the morning or in the shade. Avoid rain during application and drying. Temperature should be above 5°C (41°F) and remain so for 24 hours before and after product application.

All surfaces that must be covered with **TexNov 200** should not be painted. They must be clean, dry, and form an adequate structure. They must be free of grease, oil and other products that may prevent good adhesion.

*Note: After mixing **TexNov 200** in desired proportions with Portland cement, application should be executed within approximately 45 minutes depending on the ambient temperature.*

TexNov 200 may be applied with a trowel or a gravity gun. Incorporate a fiberglass mesh for greater strength and flexibility.

TexNov 200 coating drying time depends on the ambient air and relative humidity. Under normal drying conditions of 21°C (70°F) and 55% relative humidity, drying time is of 12 hours. After drying for 4 hours, if traces of trowels are visible, they can be sanded.

Note: As long as the application and curing of the finish coating and sealants has not been completed, protect the walls and structures against bad weather and other potential damage.

5. Cleaning

Clean tools with water while the **TexNov 200** mixture is still wet.

6- Storage / Shelf Life

TexNov 200 must be stored at a temperature of 5°C (41°F) or above in tightly closed containers. Keep away from frost. Product lifetime is of 1 year.

7- Personal Protection

When using PREMIUM - **TexNov 200**, it is recommended to wear the following safety equipment:

- Safety goggles or protective glasses
- Chemical resistant gloves
- Long sleeves and/or rubber based protective clothing

8- Transport conditions

Shipping Name: Not applicable.
 TDG Classification: Not regulated.

Note: This product requires no special measures during International transport.

PREMIUM - TexNov 200 performances	
Test Requirement	Result
Water absorption 48 h * CCMC 5.3.6 \geq 20%	14.7%
Waterproofing 2h * CCMC 5.3.5 \geq 90% waterproof	successful
Storage weight gain in 15% solution NaCl - MTQ 75% min	successful
Weight loss in the storage cabinet at 23°C & 50% RH - MTQ 75% min	successful
Quick Freeze-Thaw ASTM C 666 B Method after 141 cycles	Intact successful

* Test performed in the **TexNov** laboratory in compliance with CCMC 716.1 regulations.

9-MTQ Regulation MTQ Standard 31101

TexNov 200 is part of the list of materials related to concrete tested by the pavement laboratory as Surface Coating Type 1 (cement) with the **MTQ 31101** standard of the Ministry of Transport of Quebec.

The product has passed laboratory evidence for effect of **MTQ** approval and has passed the **ASTM C 666** Fast **Gel-Thaw** proof requirements to have an **INTACT** result after induction testing.

TEXNOV 200 LT

Cement leveling plaster - Straightening surfaces

1- Product Description

TexNov 200 LT is an acrylic resin coating containing silica aggregates, light aggregates, marble flour, perlite and other additives and fungicides. The product contains a high amount of fiber to help maintain thickness. The product is specially formulated to be lightweight and allows the leveling of hollow surface without shrinkage.

TexNov 200 LT is specially designed to allow the leveling of a substrate when it contains unevenness of more than ¼" and must be covered with a base coat, and is also used to repair cracks in the substrate. It serves to straighten the surface of a wall or cement floor before applying a finish coat.

It is also used to straighten a brick wall before applying TEXNOV 200 PRX, a mesh and a finish coat.

TexNov 200 LT is a component of the system of direct application coating of TEXNOV Premium for concrete.

It is applicable on horizontal surfaces subject to light pedestrian traffic such as balconies.

2- Coverage

Pail of 18.9 L covers ± 6,5 m² (5 gal covers ± 70 ft²) with a thickness of ¼".

3- Mix

Mix **TexNov 200 LT** in proportions of 1 to 1 by volume with GU Portland cement with a vane mixer. Let the mixture rest for 5 minutes. Mix again by adding one small amount of clean water if necessary, up to 250 ml (1 cup) may be added to facilitate its application.

Do not add too much water that could make it difficult to apply the product. Prepare only half of the **TexNov 200 LT** container at a time.

Portland cement type 1 GU meets the ASTM C 150 and CSA A3000-08 standards.

Portland cement type 1 GU meets the followings norms:

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

4- Application

Temporary protection:

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

Pose:

Once mixed, the laying of the product should be done in approximately 1 hour depending on the ambient temperature. The temperature of the surface and ambient air must be 5°C or higher and remain so for a minimum of 24 hours.

Surface preparation:

The surfaces to be covered must not be painted; they must be clean, dry and form a suitable structure. They must be free of grease, oil and other products that will prevent good adhesion.

Drying:

The drying time of **TexNov 200 LT** coat depends on the ambient air and the relative humidity.

5- Storage / Shelf Life

TexNov 200 must be stored at a temperature of 5°C (41°F) or above in tightly closed containers. Keep away from frost. Product lifetime is of 1 year.

6- Transport conditions

Shipping Name: Not applicable.

TDG Classification: Not regulated.

Note: This product requires no special measures during International transport.

<i>TexNov 200 LT performances</i>	
Test Requirement	Result
Water absorption 48 h * CCMC 5.3.6 ≥ 20%	12.7%
Waterproofing 2h * CCMC 5.3.5 ≥ 90% waterproof	successful
Storage weight gain in 15% solution NaCl - MTQ 7 5% min	successful
Weight loss in the storage cabinet at 23° C & 50% RH - MTQ 75% min	successful
Quick Freeze-Thaw ASTM C 666 B Method after 141 cycles	Intact successful

* Test performed in the **TexNov** laboratory in compliance with CCMC 716.1 regulations.

TEXNOV 200 PRX

Cement base coat - Adhesive & leveling coat

1- Product Description

TexNov 200 PRX is a 100 % acrylic resin mixture with inorganic pigments, marble grit, quartz sand, silica aggregates, additives and high performance fungicides. Based on the desired application, mix TexNov 200 with Portland type 1 GU cement. It can be used as adhesive, as surface and protection coating, concrete repair coating, or as base coating polystyrene foam with fiberglass mesh. **TexNov 200 PRX** provides a smoother finish surface, a mix that hardens and dries slower than the Texnov 200.

2- Coverage

Pail of 18.9 L covers ± 13 m2 (5 gal covers ± 140 ft2)

3- Mix

Mix **TexNov 200 PRX** in proportions of 1 to 1 by volume with GU Portland cement with a vane mixer.

Allow the mixture to rest for 5 minutes. Mix again by adding a small amount of **TexNov 200 PRX** if necessary. A small amount of clean water can be added as needed, one cup maximum. Prepare only half of the **TexNov 200 PRX** container for each time.

Applications types		Product	Cement P
Surface coating or protection (Roll/Gravity gun)	Weight	75%	25%
	Volume	65%	35%
Adhesive (trowel)	Weight	65%	35%
	Volume	50%	50%

Portland cement type 1 GU meets the ASTM C 150 and CSA A3000-08 standards.

Portland cement type 1 GU meets the following norms:

- CSA A3000 Standard for Bonding Materials
- National Building Code of Canada (CNBC)
- Provincial Building Codes: Ontario, Quebec, British Columbia, Nova Scotia

4- Application

Consult the substrates sheets for the type of application in compliance with your type of surface on our website.

www.texnov.com

Surface preparation:

The surfaces to be covered must not be painted; they must be clean, dry and form a suitable structure. They must be free of grease and oil and other products that will prevent proper adhesion.

Note: Once mixed the installation of the product should be done in approximately 1 hour depending on the ambient temperature. The temperature of the surface and ambient air must be 5°C or higher and remain so for a minimum of 24 hours.

Temporary protection:

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

Application of *TexNov 200 PRX* as a leveling layer:

Apply **TexNov 200 PRX** all over the surface. Imbed the fiberglass mesh in the base coat by passing the trowel from the center to the edges of the reinforcing mesh to avoid creasing it. The mesh must be continuous at the corners and overlap. There must be enough **TexNov 200 PRX** to completely drown the mesh. All locations requiring superior impact resistance must be detailed on the drawings and described in the contract documents.

TexNov 200 PRX coat should be approximately 3/32”(2.4 mm) and applied according to Texnov specifications. After 4 hours of drying, if traces of trowels are visible, they can be sanded.

Drying:

The drying time of **TexNov 200 PRX** coat depends on the ambient air and the relative humidity. Under normal drying conditions of 21°C and 55% RH, the drying time is 24 hours.

Cleaning:

Clean the tools with water while **TexNov 200 PRX** is still wet.

5- Storage / Shelf Life

TexNov 200 PRX must be stored at a temperature of 5°C (41°F) or above in tightly closed containers. Keep away from frost. Product lifetime is of 1 year.

6- Transport conditions

Shipping Name: Not applicable.
TDG Classification: Not regulated.

Note: This product requires no special measures during International transport.

PREMIUM - TexNov 200 performances	
Test Requirement	Result
Water absorption 48 h * CCMC 5.3.6 ≥ 20%	13.7%
Waterproofing 2h * CCMC 5.3.5 ≥ 90% waterproof	successful
Storage weight gain in 15% solution NaCl - MTQ 75% min	successful
Weight loss in the storage cabinet at 23° C & 50% RH MTQ 75% min	successful
Quick Freeze-Thaw ASTM C 666 B Method after 141 cycles	Intact successful

** Test performed in the Texnov laboratory in compliance with CCMC, ASTM and MTQ regulations.*

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
<p>Name: Texnov 200 Description: Texnov 200, Texnov 200 PRX and Texnov 200 LT adhesive and leveling coat. Restriction of use: Sanding or grinding the dried product emits dangerous dust.</p>	<p>TexNov inc. 839 Joseph-Louis-Mathieu Sherbrooke, Québec, Canada J1R 0X3 Emergency Phone Number: 1 877 316-6388</p>

SECTION 2 - HAZARD IDENTIFICATION

Pictograms



Warning statements

DANGER

Product classification

Specific target organ toxicity - repeated exposure - Category 1

Hazard statements

Causes damage to organs (liver, spleen, kidneys, lymph node) after repeated exposure or prolonged exposure.

Precautionary statements

Prevention: Do not breathe dust / fume / gas / mist / vapors / spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when handling this product.

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 respiratory tract 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 INGREDIENTS

Ingredient	CAS number	% (weight/weight)
Crystalline silica (Quartz).	14808-60-7	15 - 40

The crystalline silica (quartz) content of the product is 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 in this product that are classified as hazardous by GHS and that should be reported in this section.

SECTION 4 - FIRST AID MEASURES

Eye contact: Immediately flush with plenty of water for 15 minutes, occasionally lifting the eyelids.

Skin contact: wash with soap and water. Take off immediately all contaminated clothing.

Ingestion: Call Poison Control Center or doctor immediately. Do not induce vomiting unless advised by the doctor.

Inhalation: If person is not breathing, give artificial respiration and seek medical attention. If breathing is difficult, remove victim to fresh air.

SECTION 5 - FIRE-FIGHTING MEASURES

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 - ACCIDENTAL RELEASE MEASURES

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 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

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 with a slight pink color.

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: 1,5.
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: 12000 mm² / s (converted from measurement on Brookfield).

SECTION 10 - STABILITY 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 INFORMATION

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
Texnov 200	> 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: Causes damage to organs (liver, spleen, kidneys, and lymph node) after repeated exposure or prolonged exposure. 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 crystalline silica which are considered carcinogens classified 1 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

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 INFORMATION

Ecotoxicology: Not available.

Bioaccumulative potential: Not available.

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

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of According to Municipal, Provincial and National Regulations.

SECTION 14 - TRANSPORT INFORMATION

Shipping Name: Not Applicable.

TDG Classification: Not Regulated.

SECTION 15 - REGULATORY INFORMATION

WHMIS 2015 Classification: Specific target organ toxicity, repeated exposure, Category 1.

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: 1-877-316-6388

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.