

TexNov



EUROPA

Acrylic finish coat

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TexNov

Acrylic Coatings
Manufacturer

EUROPA

Acrylic finish coat

1- Product Description

TexNov Europa coat is an acrylic finish coat for EIF systems and for application on exterior walls. Specially designed to be applied on core coatings such as **TexPro Base Express**, **TexPro Base Nivelage** etc. Manufactured as pre-mixed paste, the product is free of dust or other foreign matter. Its formula allows a perfect adhesion, a very high resistance to alkalis and ultraviolet rays.

TexNov Europa is a smooth trowel finish that requires 2 layers minimum. The total thickness of the two layers is: 0.7 mm. The final texture of **TexNov Europa** is smooth and reminiscent of a cut limestone block.

TexNov Europa coating is composed of lightweight material, is non toxic, is free of asbestos fiber, is incombustible and is permeable to water vapor.

TexNov Europa is a coating based on 100% acrylic resin with inorganic pigments, marble aggregates, titanium pigments, fungicides, preservatives and high performance stabilizers.

2- Covered area

A pail of 18.9 L covers about 140 to 160 ft² (13 to 14.9 m²).

3- Mix

Mix the contents thoroughly using a drill equipped with a vane mixer.

If necessary use **TexNov TH** to dilute the mixture. Otherwise clean water may be added to the **TexNov Europa** mixture to facilitate its application.

Do not add too much water that could make it difficult to apply the product and affect the performance, maximum 250 ml (1 cup).

4- Application

TexNov Europa must be applied away from the fiery sun and inclement weather. The ambient air, plaster and surface temperature must be greater than 5 ° C (41 ° F) during application and 24 hours after application.

TexNov Europa is designed to be applied by trowel. The first layer should be applied to the steel trowel at the thickness of the largest aggregate. It is important that the coats be uniform

in thickness and without trowel marks. Wait until the first coat is completely dry to touch before the second. Applied the second layer as the first. The second layer should be trimmed (rolled) with a plastic trowel. The finish should be leveled until the texture is smooth and even across the wall.

It is strongly recommended to make a wall model sample with the applicator before performing the work. In this way the uniformity of texture and color, as well as the applicator's ability to work in thin layers can be checked, for final approval of the architectural finish.

Temporary protection: As long as the application of the finish coat and drying has not been completed, protect the wall against bad weather and other potential damages. If the temperature is below 5°C (41°F), it is important to maintain the temperature at the minimum level or above.

Surface preparation: The surface must be clean and free from grease, oil or other products that may affect the adhesion of the coating. The application of a layer of **TexPro Flexroll** is strongly recommended before the application of **TexNov Europa** (on everything for bright colors, dark and white). The application of **TexPro Flexroll** also allows to delay the drying of the finishing plaster during intense heat.

Visible imperfections after basecoat drying should be sandblasted. Given the smooth texture and thin thickness of the **TexNov Europa**, it is crucial that the basecoat be smooth and flawless.

5- Product Storage

TexNov Europa should be stored in its original container in an area where the temperature is of minimum 5°C (41°F) and not higher than 43°C (110°F), above freezing temperature. Product lifetime is of 1 year.

6- Transport conditions

Shipping Name: Not applicable.

TDM Classification: Not regulated.

Note: This product requires no special measures for International Transport.

| TexNov Europa performance | |
|---|--------------------------|
| Test Requirement | Result |
| C.O.V. (Volatile organic compounds in g / L) Calculated | 19 |
| Laminate adhesion^{*1} CCMC 5.3.3/ASTM D1623 ≥ 0.1 MPa | 0.43 MPa |
| Vapor permeability on laminated surfaces^{*1} CCMC 5.3.4/ASTM E96^{*2} | 10.0 perms ^{*2} |
| Water absorption of laminate^{*1} 48 hrs CCMC 5.3.6 ≥ 20% | 11.8 % |
| Resistance to accelerated aging CCMC 5.4.6/ASTM G154 No adverse effects 2000 h | Réussi |
| Laminate sustainability to cyclical nvironmental conditions^{*1} CCMC 5.5.2/ASTM E331 No adverse effects | Réussi |
| Resistance to mold CCMC 5.3.7/ASTM C1338 No mold growth | Réussi |
| Water tightness 2h CCMC 5.3.5 ≥90% waterproof | Réussi |
| Resistance to wind load ASTM E-330-7 | 100 PSF |
| Salin air resistance ASTM B117 (hours) | 5% - 300 |
| Resistance to Gel-Degel ASTM C292-MDF | 60 cycles |

^{*1} Laminate = **TexPro Base Express** + **TexNov Europa**

^{*2} Test performed at **TexNov** laboratory according to ASTM guidelines.

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

| PRODUCT | COMPANY IDENTIFICATION |
|--|---|
| Name: Europa Description: Acrylic coatings of different textures 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



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 | 1 – 7 |
| Titanium dioxide | 13463-67-7 | 0 - 5 |

The crystalline silica (quartz) and the titanium dioxide content 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 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.

Consult a doctor if you feel unwell.

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 titanium dioxide and crystalline silica.

| Breathable dust | RSST | | ACGIH TLV | |
|-----------------------------|-----------------------|------------------------|------------------------|---------------|
| Ingredient | 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: 7.5-9.5.

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 - 1,8.
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 - 50000 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 |
|---------|------------------------------|-----------------------------------|-------------------------|
| Europa | > 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 and titanium dioxide 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 INFORMATION

Ecotoxicology: Not available.

Bioaccumulative potential: Not available.

Volatile organic compounds (V.O.C.): $\leq 100\text{g} / \text{L}$.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of releases in 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 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.