

TexNov



TEXPRO FLEXTEx

Acrylic coatings of different textures

FlexTex is a group of acrylic finishing coatings for use on ceilings or exterior and/or interior walls. Specially designed to be applied on **TexPro** base coats such as: **FlexBase**, **Base Express** etc. It provide a decorative, durable and protective layer.

Manufactured in the form of a premixed and colored paste, the coating is ready for application. Its formula allows it a perfect adhesion and a very high resistance to alkalis.

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Acrylic Coatings
Manufacturer

TEXPRO FLEXTEx

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1-Product description

FlexTex is a group of acrylic finishing coatings for use on ceilings or exterior and/or interior walls. Specially designed to be applied on **TexPro** base coats such as: **FlexBase, Base Express** etc. Colors are an integral part of these wallcoverings and provide a decorative, durable and protective layer. Manufactured in the form of a premixed and colored paste, the coating is ready for application. Its formula allows it a perfect adhesion and a very high resistance to alkalis. Available in different colors.

FlexTex is a 100% acrylic resin based coating with inorganic pigments, marble aggregates, titanium pigments, fungicides, preservatives and high performance stabilizers. **FlexTex** coatings are made of lightweight material, with zero toxicity, free of asbestos fibers and are permeable to water vapour.

Here are the different textures of **FlexTex**:

- **FlexTex 1.0 mm:**
interior and exterior wall (fine grain)
- **FlexTex 1.5 mm:**
interior and exterior wall (granulated)
- **FlexTex Sand:**
interior and exterior wall (sandblasted, without rib)

Features	Benefits
Good UV resistance	No yellowing
Factory-tinted color	Uniform color
Adequate vapor permeability	Walls "breathe"
Ecological materials	Respect for the environment

Also available: **FlexTex 2 mm** (granulated, coarse grain)

2-Area covered

The surface covered depends on the texture of each **FlexTex**. An 18.9L container covers approximately:

- **FlexTex 1.5 mm:** 31kg
130 and 150 ft² (12 and 14 m²)
- **FlexTex 1.0 mm:** 29 kg
FlexTex Sand: 29 kg
140 and 160 ft² (13 and 15 m²)

3-Mix

Thoroughly mix the topcoat in its original container. Using a high-speed stainless steel mixer, stir the material until smooth. Depending on the type of finish, you can add TexPro thinner or clear, clean water to facilitate its application if necessary. Do not add too much water which could make it difficult to apply the product and affect its performance, maximum of 500 ml (2 cups) per container.

4-Installation

Surface preparation:

The surface must be dry, clean and free of grease, oil or other products that may affect the adhesion of the coating. Any visible surface imperfections must be corrected prior to application of the topcoat. The basecoat should be sanded as needed. Applying a coat of FlexRoll is recommended before applying **FlexTex** (especially for bright, dark, light colors and fine textures). The application of FlexRoll also makes it possible to delay the drying of **FlexTex** in periods of intense heat.

FlexTex Europa only: Imperfections visible after the basecoat has dried must absolutely be sanded. The base coat should be smooth and flawless.

Application:

When applying **FlexTex** coating, ambient air and surface must be above 4°C (39°F) and maintained for 24 hours after application. Avoid application in direct sunlight, during periods of excessive heat and during bad weather.

The **FlexTex** coating: designed to be applied with a trowel or with a gravity gun. Using a steel trowel for rolling will give a more uniform finish while a plastic trowel will give a more textured finish.

Spread an even coat and smooth to a thickness equal to the size of the largest aggregate. The topcoat should be applied evenly, keeping the wet side for an even finish. The top coat should completely hide the base coat. The textures are obtained by varying the movements of the trowel, for example by spanking figures of 8 with the trowel. Do not forget that the texture can change the color.

FlexTex Europa only: *Must be applied in two coats of uniform thickness and without trowel marks. Wait until the first layer is completely dry before the second. The second layer should be rolled with a plastic trowel.*

Temporary protection:

As long as the application of the finishing coat and the drying (24 hours) has not been completed, protect the wall against bad weather and other possible damage. It is important to heat if the outside temperature is less than 4°C (39°F).

Drying:

The time required for drying may depend on atmospheric conditions. Wet and cold temperatures contribute to extended drying time. Under normal weather conditions, it takes 24 hours.

FlexTex Performance and Features	
Test Requirement	Result
Laminate Adhesion ASTM D1623 ≥ 0.1 MPa	0.43 MPa
Vapor Permeability ASTM E-96	10.0 perms
Laminate water absorption 48h $\geq 20\%$	11.8%
Resistance to accelerated aging ASTM G154 No adverse effects 2000h	Pass
Laminate Durability Environmental Conditions ASTM E331 No Adverse Effects	Passed
Volatile Organic Compound Content (Calculated VOC)	≤ 19 g/L
Mold Resistance ASTM C1338 No Mold	Passed
Laminate water tightness 2h $\geq 90\%$ waterproof	Passed
Wind Load Resistance ASTM E-330-7	100 PSF
Resistance to salt air ASTM B117 (hours)	5% -300h
Freeze-Thaw Resistance ASTM C292-MDF	60 cycles

Laminate = FlexBase + FlexTex / Tests carried out at the Texnov laboratory according to ASTM guidelines

5-Product storage

FlexTex should be stored in an appropriate container in a place where the temperature is between 4 and 21°C (39 and 68°F), out of direct sunlight, off the ground and in a cool, dry place. 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.