

# TexNov



## **MAGMA**

### ***Metallic glossy acrylic finish coat***

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Acrylic Coatings  
Manufacturer

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## 1- PRODUCT DESCRIPTION

**TexNov Magma** is a water-based, 100% acrylic exterior coat with a metallic film finish that protects concrete, wood and waterproof surfaces (walls). **TexNov Magma** is a translucent and high gloss coat. This product is specially formulated for maximum outdoor resistance, but is reduced in VOC for indoor application.

The application of **TexNov Magma** must be done by a qualified and experimented applicator, used to this kind of finish. To get more information on the installation of the product contact your **TexNov** technical service.

**TexNov Magma** gets full architectural potential when used to seal other **TexNov** acrylic coatings.

Features	Benefits
Metallic Finish	Gives a remarkable shine to the acrylic coating.
Excellent UV resistance.	No yellowing, no discoloration, no cracking.
100% acrylic resin.	- Hydrofuge (water pearls on the surface) - Resistance to alkali, climate and superior aging. - Flexibility and resistance to fouling without compromise. Non-sticky finish.
Permeability of adequate vapors.	The surfaces breathe and the film does not flake.
High resin content.	Excellent adhesion on a multitude of substrates.
Surfacing Additives	- Smooth and easily cleanable surface.
Special formulation.	- Application with brush, roller, spray, sponge and raclette (squeegee). - Short drying without cracking (outside). - Resistance to bacteria and fungi. - Form a glossy film of superior quality.

The composition of **TexNov Magma** includes pearlescent pigments of selected granulometries for a metallic finish. The shimmering effect obtained will vary according to the lighting and the angle of observation. Note that the coating will not be opaque completely.

**TexNov Magma** is available in a limited range of 10 colors and customized colors for your project. A delay of 3 weeks is required for custom colors. Contact your **TexNov** sales representative to access the samples.

## 2- APPLICATION AND TYPE OF SUBSTRATE:

The surface to be covered must be dry, free of loose paint, dust, oil, grease or other pollutants. For an exemplary surface preparation use **TexNov** products during cleaning (Concrete Conditioner, Surface Preparation).

Surface preparation is essential to achieve maximum adhesion. 100% acrylic coatings are recognized as being tough and durable outdoors (UV, weather and weather), more than epoxy, polyurethane, styrene-acrylic, acrylic vinyl and oil-based paint.

The coated surface must be at a temperature of 5 to 30°C away from the sun and rain. After the application protect the surface of the rain and bad weather for 36h.

Just before the application **TexNov Magma** must be stirred slowly. The mix must be homogeneous to get an even metallic effect.

**TexNov Magma** can be applied to different textures of **TexNov** acrylic coatings. The texture and final color of the wall will depend on the type of application. It can be spread evenly for a smooth finish with a roller, brush or spray. It is also possible to use a soft trowel to fill only the hollows of the texture taking care to wipe the excess with the sponge to give a more contrasting finish reminiscent of melted magma flows. A sample will allow you to better evaluate the final pace of your project.

**TexNov Magma** can be applied on different substrates : cement boards, concrete, wood, masonite, gypsum, stucco, plaster, brick and all types of masonry. For the following species of wood : pine, cedar, spruce and oak are recommended. For other approved wood species contact **TexNov** Technical Support.

**3. CAUTION:**

**TexNov Magma** will marry the reliefs of the surface. To obtain a smooth surface, if necessary, first correct the imperfections of the substrates with the appropriate **TexNov** product. A first layer of normal thickness followed by a second thicker layer will provide a highly smooth surface.

The dilution of **TexNov Magma** with water is not recommended, as it will damage the finish and adhesion of the film. No additives or accelerants should be added.

For further information on the handling, handling or use of this product, please consult our Safety Data Sheet or consult our **TexNov** technical support.

**4. PHYSICAL PROPERTIES:**

<b>Solids:</b>	35.0 %	
<b>pH:</b>	8.5-9.0	
<b>Density</b>	1.1	
<b>Viscosity with Brookfield model DV2T HA, propeller no. H4 / 10 rpm:</b>	12500 cps	
<b>ASTM E-96 vapor permeability:</b>	> 570 ng/(Pa·s·m <sup>2</sup> )	
<b>Glass transition temperature at midpoint / Tg (°C):</b>	30 before cure	
<b>C.O.V. (Volatile Organic Compounds)</b>	< 150g/L	
<b>Recommended layer thickness</b>	7.5 à 10 mils	
<b>Surface capacity for 2 coats per 18.9L (20 Kg) pail</b>	Approximately : 600sq. Ft.	
<b>Storage</b>	Protect from the cold and the sun	
<b>Lifetime</b>	2 years	
<b>Drying ambient conditions</b>	Dry to touch	2h
	Ready for 2nd layer	4h
	Walk on the surface	24h
	Complete cure	14 days minimum