TexNov

# GELNOV ULTRA

## *Transparent high-gloss acrylic coating*

# GELNOV ULTRA

*Transparent high-gloss acrylic interior / exterior coating*

## 1. DESCRIPTION:

***GelNOV ULTRA*** is a 100% acrylic exterior grade water-based coating giving a high gloss film that protects concrete, wood and waterproof surfaces (walls). ***GelNOV ULTRA*** is a transparent and high gloss coating. This product is specially formulated for maximum outdoor resistance, and is reduced in VOC to allow indoor application. ***GelNOV ULTRA*** can be used to protect and seal other ***TexNov*** acrylic coatings.

| Characteristics | Advantages |
|---|---|
| Excellent UV resistance, exterior grade pigments. | No yellowing, discoloration or cracking. |
| 100% acrylic resin. | - Hydrophobic (water pearl on the surface)<br>- Resistance to alkali, climate and superior aging.<br>- Flexibility and resistance to fouling without compromise. Non-sticky finish. |
| Air curing technology | - After a complete cure the gel has an increased resistance to scratches (floors).<br>- A hardness film comparable to the solvent-based product, in a water-based product. |
| Permeability of adequate vapors. | The surfaces breathe and the film does not scale. |
| High resin content. | Excellent adhesion on multitude of substrates. |
| Surfacing additives | - Smooth surface and easy to clean.<br>- High leveling and resistance to the slips without compromise. |
| Special formulation. | - Application by brush, roller, spray and squeegee.<br>- Fast drying without cracking (outside).<br>- Resistance to bacteria and fungi.<br>- Makes a high-gloss transparent film. |

## 2. APPLICATION AND SUBSTRATE TYPE:

The surface to be coated must be dry, free from peeling paint, dust, oil, grease or any other pollutants. For an exemplary surface preparation use ***TexNov*** products to clean (Concrete Conditioner, Surface Cleaner).

A surface preparation is essential to obtain maximum adhesion. 100% acrylic coatings are recognized as being durable and durable in the outside (UV & weather) more than epoxy, polyurethane, styrene-acrylic, vinyl acrylic and alkyd paint.

The surface coated should be at a temperature of 5°C to 30°C protected from the sun and rain. After the application protect the surface from rain and bad weather for 36 hours. Allow to harden 78 hours before placing furniture or other heavy objects on the surface.

***GelNOV ULTRA*** can be applied to different substrates: cement, concrete, wood, Masonite, gypsum, stucco, plaster, brick and all types of masonry. ***GelNOV ULTRA*** is a coating used as a finish coat for the Texnov Systems

## 3. CAUTION:

***GelNOV ULTRA*** will follow the profile of the surface. To obtain a smooth surface, if necessary, the imperfections of the substrates must first be corrected with a with the appropriate Texnov product.

A first layer of normal thickness followed by a second thicker layer will make it possible to obtain a highly smooth surface.

Dilution of ***GelNOV ULTRA*** with water is not recommended, as it will harm the adhesion of the film. No additives or accelerators should be added.

For more information on the handling, handling or use of this product, please consult our Material Safety Data Sheet or consult our Technical Service Department.


839 Joseph-Louis-Mathieu, Sherbrooke J1R 0X3
*www.texnov.com - info@texnov.com*
**1 877 316-6388**
The application instructions and performance characteristics are based on information we believe to be reliable. They are offered to the best of our knowledge, but without guarantee, as conditions and methods of use of our products are beyond our control.

## 4. PHYSICAL PROPERTIES:

| | | |
|---|---|---|
| **Solids :** | | 32.0 % |
| **pH :** | | 8.5-9.0 |
| **Density :** | | 1.1 |
| **Viscosity with Brookfield DV2T HA, spindle # H4/10 rpm :** | | 12500 cps |
| **Water vapor permeability ASTM E-96 :** | | > 570 ng/(Pa·s·$m^2$) (> 10 perms) |
| **Glass transition temperature at mid-point / Tg (°C) :** | | 30 before cure |
| **V.O.C. (Volatile Organic Compounds)** | | < 125g/L |
| **Recommended layer thickness** | | 7.5 to 10 mils (2 layers are required) |
| **Surface capacity for 2 layers per 18.9L pall (20 Kg)** | | About 600 $pi^2$ |
| **Storage** | | Protect from cold and hot temperatures |
| **Durability** | | 2 years |
| **Drying conditions** | Dry to touch | 2h |
| | Ready for 2nd layer | 4h |
| | Walk on the surface | 24h |
| | Complete cure | 14 days minimum |


839 Joseph-Louis-Mathieu, Sherbrooke J1R 0X3
*www.texnov.com - info@texnov.com*
**1 877 316-6388**
The application instructions and performance characteristics are based on information we believe to be reliable. They are offered to the best of our knowledge, but without guarantee, as conditions and methods of use of our products are beyond our control.