TECHNICAL DATA SHEET

# VIDAPRIMER 215

## POSTCAT PRIMER

## DESCRIPTION

VIDAPRIMER 215 is a high quality two components conversion primer that delivers good edge filling and hiding properties with ease of application. Due to its 30 days pot life, VIDAPRIMER 215 provides the customer with minimum waste resulting in lower production costs. It also provides superior vertical hang and fast drying. Typical applications include kitchen cabinets, vanities, chairs, office as well as other interior wood applications.

## PRODUCT DATA

| | | | | |
|---|---|---|---|---|
| **Color** | White | **VOC less exempt** | 642 g/L | 5.36 lb/gal |
| **Solids % by Vol** | 39% ± 2% | **VOC actual** | 651 g/L | 5.42 lb/gal |
| **Solids %by Wt** | 42% ± 2% | **Photochemical reactive** | No | |
| **Density** | 1.13 | **Flash Point (PM/CC)** | N/A | |
| **Viscosity 23°C/73°F #4 Ford** | 87 | **Shelf life** | 6 months (at 15-25°C/59-77°F) | |
| **Gloss( On Black glass @60°)** | Flat | **Theo-coverage @1 mil dry** | 630 Sq.Ft/gal | 15 $m^2$/L |

## PREPARATION/APPLICATION

**Working Temp** >18°C/65°F surface, coating and air

**Catalyzation** 10 % by volume using C A75 Catalyst- 10 parts VIDAPRIMER 215 to 1-part C A75 catalyst

**Pot life** 30 days (23°C/74°F)

**Reducer** Reduce 15-25% by volume with Thinner DX 180 (Medium), Thinner DX 195 (slow).
To help reduce trapped air, blushing or orange peel, use Retarder LR236 at a maximum of 5%.by volume.

**Suggested Topcoat** SETAFLEX 540 WHITE, DIAMOS 420 WHITE

**Application**

- Prime- Apply a full coat of VIDAPRIMER 215 at 4.0 – 6.0 wet mils.
- Allow to dry. Sand with 240, 320 paper, or sponges as required. Topcoat within 8 hours of sanding
- Topcoat – apply a recommended LORCHEM Topcoat at 4.0 - 6.0 mils wet
- For more depth or build, sand and apply an additional coat.
- Do not exceed 4.0 mils DFT for the total system.

**Surface Preparation** Wood surface must be clean, dry, and finish sanded with 180 grit sandpaper Substrate should be clean and free of grease and oil to ensure optimum adhesion and coating performance properties. Moisture content of the wood should be between 6%-8%.

**Use Directions** For interior use only. Adjust viscosity and stir thoroughly before application to avoid variations application. Dry time can be directly impacted by many factors, including film thickness. Users are urged to test the system under shop conditions.

**App equip.** Conventional & HVLP Siphon Feed, Pressure Pot Systems and Airless/Air Assist Equipment.

**Tinting** Can be tinted up to 5% maximum with universal colorants 844.

**Cleanup** Clean tools/equipment immediately after use with T750 LORCHEM cleaner gun or a quality lacquer thinner or acetone. Always follow manufacturer's safety recommendations when using any solvent.

**Standards** This product meets KCMA and CKCA standards when used under recommended LORCHEM topcoat.

## DRYING TIMES

| Method | Drying temperature. | Drying Time @ 50%RH | | | |
|---|---|---|---|---|---|
| **Air Drying** | 23°C/74°F | **Dust free time** | 4-6 minutes | **Dry to sand** | 45 minutes |
| | | **Dry to touch** | 20-30 minutes | **Dry to recoat** | 45 minutes |
| | | **Dry to Handle** | 45 minutes | **Dry to stack** | 6 hours |
| **Force dry** | 45 to 60°C/110-140°F | Minutes | | | |

**Note:** Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Minimum curing temperatures of 23°C/74°F must be maintained throughout curing cycle to achieve the film integrity as stated in product features.

# VIDAPRIMER 215

## POSTCAT PRIMER

## APPLICATION RECOMMENDATIONS

### APPLICATION EQUIPMENT SETTINGS

| Method of Application | Air Pressure (PSI) | Fluid Pressure (PSI) | TIP size (mm / inch) | Application Viscosity (#FORD 4) | Thickness Film (Mils) |
|---|---|---|---|---|---|
| **Conventional spray** | 40-50 | 08-12 | 1.8-2/0,070-0,078 | 18-21 | 3-5 |
| **Airless Spray** | 10-18 | 300-600 | 0,28-0,33/0,011-0,012 | 18-21 | 3-5 |
| **HVPL** | 35-45 | 8-12 | 1.19-1,39/0,047-0,055 | 18-21 | 3-5 |

**Note:** All measurements and application equipment settings are based on application at a temperature of 77°F. Viscosity will vary depending on the temperature of the liquid. The above-mentioned application equipment recommendations are guidelines only. The noted settings are starting point recommendations and that adjustment to the settings and equipment may be needed to obtain the desired results. Please refer to your specific equipment manufacturer's recommendations for equipment set-up.

### SPECIFICATIONS

- For interior use only.
- Must be agitated before and during using.
- This product should be thoroughly sanded within 4 hours of being applied. If the primer is not topcoated the same day, it should be resanded immediately before topcoating to insure optimum intercoat adhesion.
- Must be catalyzed with C A75 catalyst at a level of 10% by volume. Over catalyzing or using incorrect catalyst may result in blooming, cracking and poor adhesion.
- C A75 is an acid. To prevent acid corrosion and pitting, do not catalysed in an unlined metal container and all equipment should made of stainless steel
- Store at room temperature (under25°C/ 80° F) after catalyzation. Higher temperatures will reduce the storage life.
- Can be used under LORCHEM topcoat. Please contact your LORCHEM representative for system recommendations.
- Total film thickness of systems must not exceed 7.0 mils dry film because heavier films may show cracking tendencies.

## CAUTIONS

**TESTING**

Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

**THESE PRODUCT ARE DESIGNED FOR INDUSTRIAL SHOP APPLICATION AND PROFESSIONAL USE ONLY**

Thoroughly review Safety Data Sheet (SDS) for safety information and cautions prior to using this product. Please direct any questions or comments to your local representative.

**PDS**

Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling ,preparation and application which are not known or under our control, LORCHEM cannot make any warranties related to the product or the performance of the product. Moreover, we underline the fact that in industrial applications, a tolerance of 5% in the overall results is considered normal and is not caused by the quality of the product.

## CONTACT

**PH**: +1(450)424-4000
**F:** +1(450) 424-9134
http://www.lorchemintl.com

**LORCHEM INTERNATIONAL**
150,Rue Aimé-Vincent Vaudreuil, Dorion,
QC J7V5V5