

PROGRAMMED SYSTEM TECHNIQUE (PST) CLEARCOATS NORTH AMERICA

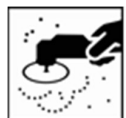
VC-225 2:1 EUROCLEAR

VC-225 Euroclear is a low VOC high-solids, acrylic urethane clearcoat. It creates the perfect finish for small and large areas alike. This easy-to-use clearcoat delivers high performance in most temperature ranges.



SAFETY CONSIDERATIONS

- Use suitable personal protection.
- When exposed to paint or solvents AkzoNobel recommends the use of a fresh air supply respirator.



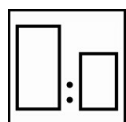
SURFACE ABRADING

- Valorem Basecoat
 - Observe the indicated flash time of the basecoat TDS before clearcoat application.
- Existing Clearcoat
 - Thoroughly sanded with #P1000 dry or a gray scuff pad.



SURFACE CLEANING

- Use suitable surface cleaners and technique to ensure a clean surface



BY VOLUME

MIXING

Mix

2
1

Standard Mix

Parts VC-225 2:1 Euroclear

Part VA-225 Euroclear Activator (Fast, Medium, or Slow)



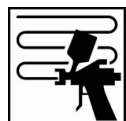
EQUIPMENT

Spray-Gun Set-Up:

- 1.3 – 1.5 mm HVLP Gravity
- 1.3 – 1.5 mm Compliant Gravity

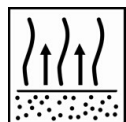
Application Air Pressure:

- HVLP – 10 psi (<0.7 bar) at cap maximum
- Consult manufacturer specifications



APPLICATION

- Apply 2 single wet coats
 - Observe proper flash between coats



FLASH OFF

Flash Between Coats at 70°F (21°C)

- 10-15 minutes

Flash at 70°F (21°C) Before Force Drying

- 10-15 minutes mandatory flash



DRYING

Activator Selected

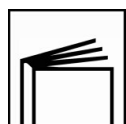
- Slow
- Medium
- Fast

Air drying at 70°F (21°C)

- 24 hours
- 18 hours
- 12 hours

Force Drying at 140°F (60°C)

- 30 minutes
- 25 minutes
- 20 minutes



RECOATING

- May be recoated after a full drying cycle.
 - After dry, the surface must be abraded before recoating.

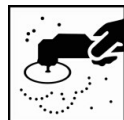
Read the complete TDS and the product Safety Data Sheet (SDS) for detailed product information

VC-225 2:1 EUROCLEAR**DESCRIPTION**

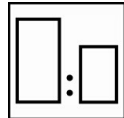
VC-225 Euroclear is a high-solids, acrylic urethane clearcoat with a low VOC. It creates the perfect finish for small and large areas alike. This easy-to-use clearcoat delivers high performance in most temperature ranges.

**PRODUCT ASSORTMENT**

- Valorem VC-225 2:1 Euroclear – Item #594619 (5 Liter)
 - Valorem VA-22570 2:1 Euroclear Activator Fast – Item #594616 (2.5 Liter)
 - Valorem VA-22580 2:1 Euroclear Activator Medium – Item #594617 (2.5 Liter)
 - Valorem VA-22590 2:1 Euroclear Activator Slow – Item #594618 (2.5 Liter)
- Stock unopened or used products in approved closed containers with proper labeling. Store in moderate temperatures between 70°F - 95°F (21°C – 35°C). Avoid too much temperature fluctuation. Optimum storage temperature is approximately 77°F (25°C).
 - Shelf life of all components: 3 years.
 - Refer to the price list for the most up-to-date product shelf-life information.

**SURFACE PREPARATION**

- Refinish Basecoat – Observe the indicated flash time of the basecoat TDS before clearcoat application.
- Existing Clearcoat – Thoroughly abraded with #P1000 dry or a gray scuff pad.
– Use suitable surface cleaners and technique to ensure a clean surface.

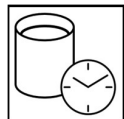


BY VOLUME

MIXING**Mix****2****1****Standard Mix**

Parts Valorem VC-225 2:1 Euroclear

Part Valorem VH-225 Euroclear Activator (Fast, Medium, or Slow)

**POT-LIFE AT 70°F (21°C) WHEN MIXED**

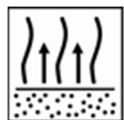
- VC-225 2:1 Euroclear Activator Slow – 3 hours
- VC-225 2:1 Euroclear Activator Medium – 2 hours
- VC-225 2:1 Euroclear Activator Fast – 2 hours

**SPRAY-GUN SET-UP****HVLP or Compliant Spray-Gun Set-Up: Application Air Pressure:**

- 1.3 – 1.5 mm HVLP Gravity ○ HVLP – 10 psi (<0.7 bar) at cap maximum
- 1.3 – 1.4 mm Compliant Gravity ○ Consult manufacturer specifications.

**APPLICATION**

- Apply 2 single wet coats
 - Flash dry between coats

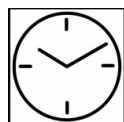
**FLASH DRYING****Flash Between Coats at 70°F (21°C)**

- 10-15 minutes

✓ Flash time is dependent on temperature and application.

Flash at 70°F (21°C) Before Force Drying

- 10-15 minutes - **MANDATORY**

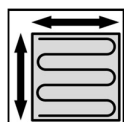
VC-225 2:1 EUROCLEAR**DRYING / CURING TIME****Activator Selected****At 70°F (21°C)****At 70°F (21°C)****At 140°F (60°C)****Dust Free****Dry to Handle****Dry to Handle**

- | | | | |
|---------------------|--------------|------------|--------------|
| • VA-22590 (Slow) | – 60 minutes | – 24 hours | – 30 minutes |
| • AV-22580 (Medium) | – 45 minutes | – 18 hours | – 25 minutes |
| • VA-22570 (Fast) | – 30 minutes | – 12 hours | – 20 minutes |

- When baked, allow clearcoat to cool down for approximately 1 hour before polishing.

**RECOATING**

- May be recoated after a full drying cycle.
 - After dry, the surface must be abraded before recoating.

**THEORETICAL COVERAGE**

- With the recommended application the theoretical coverage is $\pm 818 \text{ feet}^2/\text{gallon}$ ($20.1 \text{ m}^2/\text{liter}$) at a 1 mil thickness ($25.4 \mu\text{m}$).
- Actual coverage is dependent on many factors which may include the shape of the object, surface smoothness, application technique, and other application variables.

**VOC / REGULATORY INFORMATION**

Notice: Do not handle until the Safety Data Sheets have been read and understood. Regulations require that all employees be trained on Safety Data Sheets for all chemicals with which they come in contact. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

Valorem VC-225 2:1 Euroclear Ready to spray VOC:

- The VOC content of this product (2:1) ratio in ready to use form is $\leq 2.1 \text{ lb/gal}$ ($\leq 250 \text{ g/L}$)*

*Bay Area Air Quality Management District (BAAQMD) does not recognize methyl acetate as a VOC exempt solvent. Therefore, this clearcoat is not recommended for use in that district.

AkzoNobel Inc., North America

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FOR PROFESSIONAL USE WITH SUITABLE HSE EQUIPMENT

IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Safety Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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