

**550-2200 Aquaprime<sup>®</sup> WB Stain Blocking Primer**

|                                |   |
|--------------------------------|---|
| <b>Product codes:</b> 550-2200 | <b>Viscosity</b> Zahn #3 (EZ) cup 16-22 sec at 77°F |
|                                | <b>Flash Point:</b> >200°F                          |
|                                | <b>Density (lb/gal):</b> 12.66                      |
|                                | <b>Solid (% by weight):</b> 64.3%                   |
|                                | <b>Solid (% by volume):</b> 45.5%                   |
|                                | <b>Shelf Life (months):</b> 12                      |

**Product Description:**

Aquaprime WB Stain Blocking Primer is a ready to use white waterborne stain blocking primer. Aquaprime Basecoat provides very good hiding when used as a primer only on hardwoods or MDF. Aquaprime WB Stain Blocking Primer offers excellent filling capabilities due to its high solid content at application (45.5% by volume). Aquaprime WB Stain Blocking Primer provides an excellent base and is extremely easy to sand.

After sanding it may be topcoated with any Chemcraft topcoat from waterborne, pre-catalyzed lacquer, post-catalyzed lacquer, varnish, and urethane.

**Uses:**

This product is designed for hardwoods or MDF. It is formulated especially for windows and door frames, joinery pieces, and cabinets. Excellent primer when used in conjunction with Aquawhite or for pre-primed jobs only.

**Environmental Data (as supplied):**

|                                |       |
|--------------------------------|-------|
| <b>VOC less exempt lb/gal:</b> | >0.55 |
| <b>VOC lb/gal:</b>             | <0.29 |
| <b>VOC less exempt g/l:</b>    |       |
| <b>VOC g/l:</b>                |       |
| <b>VOC lb/lb Solid:</b>        | <0.05 |
| <b>VHAPs lb/lb Solid:</b>      | <0.01 |

**Note:**

See individual compliance sheets for specific data

**Application Data**

|                               |  |
|-------------------------------|--|
| <b>Suggested Uses:</b>        | Wood Primer  |
| <b>Mixing Ratio:</b>          | N/A  |
| <b>Suggested Uses:</b>        | N/A  |
| <b>Application Viscosity:</b> | Zahn #3 (EZ) cup 16-22 sec at 77°F   |
| <b>Reducer:</b>               | Use water as required. This product requires very little water to lower the viscosity.             |
| <b>Retarder:</b>              | N/A  |
| <b>Clean-up Solvent:</b>      | Use water when in liquid state. Use water / Butyl Cellosolve 800-5742 when material is semi-dried. |
| <b>Recommended Wet Film:</b>  | 4-5 wet mils   |
| <b>Coverage:</b>              | N/A  |

**Note:**

If tannin bleed is noticed on the first coat of primer, let material dry overnight. Sand the following day and apply a second coat of 550-2200, then sand and apply the recommended Chemcraft WB topcoat the next day for optimal performance in holding back tannin.

**Directions for use:**

**Surface Preparation:**

Substrate must be sanded using 120, 150 or 180 grit paper prior to coating. Aquaprime WB Stain Blocking Primer should be sanded with 280/320 grit paper prior to being coated. Aquaprime WB Stain Blocking Primer should be coated within (8) hours of being sanded for maximum adhesion. When recoating, the previous coat of Aquaprime WB Stain Blocking Primer must be sanded and the next coat applied within (8) hours.

**Before applying any solvent borne topcoats, ensure the primer is thoroughly dry by allowing it to dry a minimum of 2 hours**

**General Information:**

Mix material before use. Add water to reduce if required and mix thoroughly. Apply by spray at 4 - 5 mils wet. Aquaprime WB Stain Blocking Primer must be agitated thoroughly at all times to ensure product consistency. Contact with metal surfaces should be avoided. Maximum film build of total coating system must not exceed 4 mils dry. The completed coating system should be checked for required properties prior to start-up of production.

THE CUSTOMER IS RESPONSIBLE FOR FOLLOWING THE RECOMMENDED APPLICATION PROCEDURES. FAILURE TO ADHERE TO THE RECOMMENDATIONS GIVEN IN THIS DATA SHEET WILL LIKELY RESULT IN UNSATISFACTORY FILM APPEARANCE OR FILM FAILURE. THE COMPLETE COATING SYSTEM SHOULD BE CHECKED FOR REQUIRED PROPERTIES PRIOR TO THE START-UP OF PRODUCTION

**Drying Times:**

|                        | <b>Room Temperature<br/>(20°C / 68°F)</b> | <b>Forced Drying Schedule<br/>(50°C / 122°F)</b> |
|------------------------|---|--|
| <b>Tack Free Time:</b> | 15 minutes                                | 15 minutes @ room temperature                    |
| <b>Dry to Sand:</b>    | 45 minutes                                | 24 hours   |
| <b>Dry to Stack:</b>   | 15 minutes @ 110° F                       | 15 minutes @ 140° F                              |

**Note:**

N/A

Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

These products are designed for industrial use only. AkzoNobel views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.

Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

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