**ADVANCE® WATERBORNE INTERIOR ALKYD PRIMER K790**

**General Description**
A premium quality waterborne alkyd primer formulated primarily to provide a sealed and sandable surface for ADVANCE® Waterborne Alkyd topcoats. Combines the qualities desired in an interior primer: Excellent adhesion, spatter proof, sandability, excellent flow and levelling, and household stain blocking.

**Features**
- Provides a total waterborne system for ADVANCE® Waterborne Interior Alkyd finishes
- Easy to apply
- Excellent levelling properties
- Excellent adhesion
- Sandable
- Spatter resistant
- Excellent for blocking household stains

**Recommended For**
Ideal for interior doors, trim, cabinets, walls, and ceilings. For primed or previously painted wallboard, plaster, masonry, wood and metal.

**Limitations**
- Not recommended for blocking tannin, sealing knots or over pine sap.
- Proper adhesion to existing enamel, catalyzed lacquers or synthetic surfaces will require sanding and priming with a specialty primer. See Primer/Finish Systems on page 2.

**Product Information**

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<th>Colours — Standard:</th>
<th>Technical Data White</th>
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<td>White</td>
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<td>Pigment Type</td>
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<td>Volume Solids</td>
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<td>Coverage per 3.79 L at</td>
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<td>Recommended Film Thickness</td>
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<td>Dry Time @ 25 °C (77 °F) @ 50% RH</td>
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<td>Dries By</td>
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<td>Viscosity</td>
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<td>Flash Point</td>
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<td>Gloss / Sheen</td>
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<td>Surface Temperature at Application</td>
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<td>Thinnable</td>
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<td>Clean Up Thinner</td>
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<td>Weight Per 3.79 L</td>
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<td>Storage Temperature</td>
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**Certifications & Qualifications:**
- VOC compliant in all regulated areas
- Qualifies for LEED® v4 Credit
- Qualifies for CHPS low emitting credit (Collaborative for High Performance Schools)
- CDPH v1 Emission Certified
- Master Painters Institute MPI # 172
- Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84

**CUSTOMER SERVICE INFORMATION CENTRE:**
1-800-361-5898, info@benjaminmoore.ca, www.benjaminmoore.ca

◊ Reported values are for White. Contact Benjamin Moore for values of other bases or colours.
ADVANCE® Waterborne Interior Alkyd Primer K790

Surface Preparation

Surfaces to be painted must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint, water-soluble materials, and mildew. Remove any peeling or scaling paint and sand these areas to feather edges smooth with adjacent surfaces. Glossy areas should be dulled. Drywall surfaces must be free of sanding dust. New plaster or masonry surfaces must be allowed to cure before applying base coat. Cured plaster should be hard, have a slight sheen and maximum pH of 10. Soft, porous or powdery plaster indicates improper cure. Never sand a plaster surface; knife off any protrusions and prime plaster before and after applying patching compound. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles before priming. Wood substrates must be thoroughly dry.

Difficult Substrates: If the surfaces to be painted exhibit severe tannin or smoke staining, a Benjamin Moore solvent-based alkyd primer may be your best choice for conquering these severe conditions. Consult your Benjamin Moore retailer for further guidance.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html

Primer/Finish Systems

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. For best hiding results use Benjamin Moore® ADVANCE® Waterborne Interior Alkyd Primer (K790) tinted to the approximate finish coat colour. Special Note: Certain custom colours require a Deep Colour Base Primer tinted to a special prescription formula to achieve the desired colour. Consult your Benjamin Moore retailer.

Wood and engineered wood products

Primer: ADVANCE® Waterborne Interior Alkyd Primer (K790), Fresh Start® Multi-Purpose Latex Primer (F023), Fresh Start® High-Hiding All Purpose Primer (K046) or Fresh Start® All-Purpose Oil Based Primer (F024), Finish: 1 or 2 coats of the appropriate ADVANCE® Waterborne Interior Alkyd finish.

Cabinetry: All surfaces to be roughened by sanding (220 grit or coarser) before priming; light sanding between coats allows for a smoother finish; all dust must be cleaned.

Wood, MDF & Thermafoil

Primer: 1 coat ADVANCE® Waterborne Interior Alkyd Primer (K790)

Finish: 1 or 2 coats of the appropriate ADVANCE® Waterborne Interior Alkyd finish

Laminate (Formica)

Primer: 1 coat Fresh Start® High-Hiding All Purpose Primer (K046)

Finish: 1 or 2 coats of the appropriate ADVANCE® Waterborne Interior Alkyd finish

Plastic (Vinyl) veneer

Primer: 1 coat of ADVANCE® Waterborne Interior Alkyd Primer (K790) after removing plastic veneer by sanding away (an electric sander with a 100 grit paper works fine; manual sanding may need to be vigorous)

Finish: 1 or 2 coats of the appropriate ADVANCE® Waterborne Interior Alkyd finish

Drywall

Primer: ADVANCE® Waterborne Interior Alkyd Primer (K790).

Finish: 1 or 2 coats of the appropriate ADVANCE® Waterborne Interior Alkyd finish.

Plaster

Primer: Fresh Start® High-Hiding All Purpose Primer (K046) or Fresh Start® Multi-Purpose Latex Primer (F023)

Finish: 1 or 2 coats of the appropriate ADVANCE® Waterborne Interior Alkyd finish.

Rough or Pitted Masonry

Primer: Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (K571)

Finish: 1 or 2 coats of the appropriate ADVANCE® Waterborne Interior Alkyd finish.

Smooth Poured or Pre-cast Concrete

Primer: Fresh Start® High-Hiding All Purpose Primer (K046) or Fresh Start® Multi-Purpose Latex Primer (F023)

Finish: 1 or 2 coats of the appropriate ADVANCE® Waterborne Interior Alkyd finish.

Ferrous Metal (Steel and Iron)

Primer: Ultra Spec® HP Acrylic Metal Primer (FP04) or Super Spec HP® Alkyd Metal Primer (KP06)

Finish: 1 or 2 coats of the appropriate ADVANCE® Waterborne Interior Alkyd finish.

Non-Ferrous Metal (Galvanized & Aluminum) All new metal surfaces must be thoroughly cleaned with Corotech® Oil & Grease Emulsifier (V600) to remove contaminants. New shiny non-ferrous metal surfaces that will be subject to abrasion should be dulled with very fine sandpaper or a synthetic steel wool pad to promote adhesion.

Primer: Ultra Spec® HP Acrylic Metal Primer (FP04) or Super Spec HP® Alkyd Metal Primer (KP06)

Finish: 1 or 2 coats of the appropriate ADVANCE® Waterborne Interior Alkyd finish

Hard Glossy Alkyd Surfaces: Abrasion by sanding required for optimum adhesion

Repaint, All Substrates: Prime bare areas with the primer recommended for the substrate above.

Application

Stir thoroughly before and during use. Apply one or two coats.

Paint Application: For best results, use a premium Benjamin Moore® custom-blended nylon/polyester brush, premium Benjamin Moore® Microfibre roller, or a similar product. Apply paint generously from unpainted area into wet area. This product can also be sprayed.

Spray, Airless: Fluid Pressure: 1,500 – 2,500 psi

Tip: 0.013 – 0.017

Extra ventilation is necessary under humid conditions to speed the dry time of ADVANCE®, especially when the paint is applied over sealed, hard, non-porous surfaces. The chart below is for general guidance.

<table>
<thead>
<tr>
<th>Mild conditions</th>
<th>Severe conditions</th>
<th>Very severe conditions</th>
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<tr>
<td>Dry (RH &lt; 50%), temperature between 21 °C (70 °F) and 32 °C (90 °F)</td>
<td>(RH &gt; 50%), and/or temperature between 10 °C (50 °F) and 21 °C (70 °F)</td>
<td>RH &gt; 85%, or temperature &lt;10 °C (50 °F)</td>
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<tr>
<td>ADVANCE® will dry normally.</td>
<td>ADVANCE® will dry slower than normal unless the following is done to speed the dry time: Ventilate the room with a fan and/or turn on A/C to lower the humidity.</td>
<td>Do not apply ADVANCE®</td>
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Thinning/Clean up

Thinning is unnecessary, but if required to obtain desired application properties, a small amount of clean water may be added. Never add other paints or solvents. Clean up with warm soapy water. Brushes and rollers should be given a finalrinse with mineral spirits to remove residual alkyd. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

Environmental Health & Safety Information

Use only in a well ventilated area. Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling.

KEEP OUT OF REACH OF CHILDREN PROTECT FROM FREEZING

Refer to Safety Data Sheet for additional health and safety information.