

TargetCoatings™ | Clear Water-Based Topcoats and Finishes



	EM2000wvx Waterborne Alkyd Varnish	EM6000 Production Lacquer	EM7000hbl High Build Lacquer	EM8000cv Conversion Varnish	EM9300 Polycarbonate Urethane
Type of Finish:	WB Hybrid Alkyd Varnish	WB Acrylic Lacquer	WB HighBuild Acrylic Lacquer	WB Pre-Cat Conversion Varnish	WB Polycarbonate Urethane
Primary Use:	Windows, Doors, Trim, Cabinets, Furniture, Vanities, Kitchens, Yacht Interiors, Very Brush and Roller Friendly	Excellent Substitute and Stronger than Nitrocellulose Lacquer, Multi-Purpose Applications, Very Spray Friendly	Excellent Clear Coat over Painted Surfaces, Commercial Use Applications, Furniture, Kitchens, Vanities, Cabinets, Easy Spray Application	High-End Furniture and Cabinetry, Kitchens, Bathrooms, Tables, Coffee Tables, Countertops, Commercial Use Applications	Multi-Substrate, Multi-Purpose, High-End Interior/Exterior Grade Coating for High Durability Applications
Appearance:	Warm Clear/Amber Effect with Age	Warm Clear/Amber Effect with Age	Cool Clear/Non-Yellowing with Age	Warm Clear/Amber Effect with Age	Cool Clear/Non-Yellowing with Age
Interior/Exterior Use:	Interior/Exterior	Interior	Interior	Interior	Interior/Exterior
Recommended Application Methods:	Spray, Roll, Brush	Spray	Spray	Spray	Spray, Roll, Brush
Sheens Available:	Gloss: 85°+ Semi-Gloss: 65° Satin: 30° Flat: 10°	Gloss: 85°+ Semi-Gloss: 65° Satin: 30° Flat: 10°	Gloss: 85°+ Semi-Gloss: 65° Satin: 30° Flat: 10°	Gloss: 85°+ Semi-Gloss: 65° Satin: 30° Flat: 10°	Gloss: 85°+ Semi-Gloss: 65° Satin: 30° Flat: 10° Ultra Flat: 5°
Average Minimum Coats:	4 Coats @ 2-4 Mils Wet	4 Coats @ 2-4 Mils Wet	3 Coats @ 2-4 Mils Wet	3 Coats @ 2-4 Mils Wet	4 Coats @ 2-4 Mils Wet
Chemical Burn-In:	Yes - 16 Hour Recoat/Post 16 Hour is Chemical Adhesion	Yes - Indefinitely **Will Also Burn-in Oil and Nitro Solvent Lacquers**	Yes - Indefinitely **Will Also Burn-in Oil and Nitro Solvent Lacquers**	Yes - 16 Hour Recoat/Post 16 Hour is Chemical Adhesion	Yes - 16 Hour Recoat/Post 16 Hour is Chemical Adhesion
VOC Content:	Ultra-Low VOC 51 Grams/Liter	Ultra-Low VOC 41 Grams/Liter	Low VOC 62 Grams/Liter	Ultra-Low VOC 41 Grams/Liter	Low VOC 82 Grams/Liter
Tintable:	Yes - Up to 5% Water Soluble Dye or Tint	Yes - Up to 5% Water Soluble Dye or Tint	Yes - Up to 5% Water Soluble Dye or Tint	Yes - Up to 5% Water Soluble Dye or Tint	Yes - Up to 5% Water Soluble Dye or Tint
Cleanup Procedure:	Warm Water or 1:1 Water and Denatured or Isopropyl Alcohol	Warm Water or 1:1 Water and Denatured or Isopropyl Alcohol	Warm Water or 1:1 Water and Denatured or Isopropyl Alcohol	Warm Water or 1:1 Water and Denatured or Isopropyl Alcohol	Warm Water or 1:1 Water and Denatured or Isopropyl Alcohol

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	EM2000wvx Waterborne Alkyd Varnish	EM6000 Production Lacquer	EM7000hbl High Build Lacquer	EM8000cv Conversion Varnish	EM9300 Polycarbonate Urethane
Average Dry/Cure Times @ 70°F/21°C & 50% Humidity:	30-45 Minutes Recoat/120 Hours Cure	30-45 Minutes Recoat/120 Hours Cure	30-45 Minutes Recoat/120 Hours Cure	30-45 Minutes Recoat/120 Hours Cure	60 Minutes/120 Hours Cure
Compatibility with CL100 Crosslinker: <i>Data Sheet</i>	**INTERIOR USE ONLY** Up to 5% by Liquid Volume / 6.5 oz. per Gal. Instructional Video	Up to 3% by Liquid Volume / 4 oz. per Gal. Instructional Video	Up to 3% by Liquid Volume / 4 oz. per Gal. Instructional Video	Up to 5% by Liquid Volume / 6.5 oz. per Gal. Instructional Video	**INTERIOR USE ONLY** Up to 5% by Liquid Volume / 6.5 oz. per Gal. Instructional Video
Compatibility with SA5 Retarder:	Up to 20% by Liquid Volume	Up to 20% by Liquid Volume	Up to 20% by Liquid Volume	Up to 20% by Liquid Volume	Up to 20% by Liquid Volume
Compatibility within EMTECH Family:	Can be Topcoated with a different EMTECH WB Finish after 12-18 Hour Cure	Can be Topcoated with a different EMTECH WB Finish after 12-18 Hour Cure	Can be Topcoated with a different EMTECH WB Finish after 12-18 Hour Cure	Can be Topcoated with a different EMTECH WB Finish after 12-18 Hour Cure	Can be Topcoated with a different EMTECH WB Finish after 12-18 Hour Cure
Compatibility with Substrates:	Wood, Plywood, Exotic Woods, Non-Ferrous Metal, Plastics, Fiberglass, Stone/Cement, Carbon Fiber	Wood, Plywood, Exotic Woods, Non-Ferrous Metal, Plastics, Fiberglass, Stone/Cement, Carbon Fiber	Wood, Plywood, Exotic Woods, Non-Ferrous Metal, Plastics, Fiberglass, Stone/Cement, Carbon Fiber	Wood, Plywood, Exotic Woods, Non-Ferrous Metal, Plastics, Fiberglass, Stone/Cement, Carbon Fiber	Wood, Plywood, Exotic Woods, Non-Ferrous Metal, Plastics, Fiberglass, Stone/Cement, Carbon Fiber
Compatibility with Shellac:	1 lb. cut dewaxed shellac or less // Reduce Zinsser SealCoat by 50% with Denatured Alcohol	1 lb. cut dewaxed shellac or less // Reduce Zinsser SealCoat by 50% with Denatured Alcohol	1 lb. cut dewaxed shellac or less // Reduce Zinsser SealCoat by 50% with Denatured Alcohol	1 lb. cut dewaxed shellac or less // Reduce Zinsser SealCoat by 50% with Denatured Alcohol	1 lb. cut dewaxed shellac or less // Reduce Zinsser SealCoat by 50% with Denatured Alcohol
Recommended Shelf Life:	12 - 18 Months	12 - 18 Months	12 - 18 Months	12 - 18 Months	12 - 18 Months
Recommended Tip Sizes for HVLP:	1.3 - 1.5 MM	1.3 - 1.5 MM	1.3 - 1.5 MM	1.3 - 1.5 MM	1.3 - 1.5 MM
Recommended Tip Sizes for Airless Air Assist:	.011 - .013	.011 - .013	.011 - .013	.011 - .013	.011 - .013

TargetCoatings™ | Clear Water-Based Topcoats and Finishes (continued)



	EM2000wvx Waterborne Alkyd Varnish	EM6000 Production Lacquer	EM7000hbl High Build Lacquer	EM8000cv Conversion Varnish	EM9300 Polycarbonate Urethane
Instructions for Use:	TDS: <i>EM2000wvx Waterborne Alkyd Varnish Data Sheet</i>	TDS: <i>EM6000 Production Lacquer TDS</i>	TDS: <i>EM7000 High Build Lacquer Data Sheet</i>	TDS: <i>EM8000cv Conversion Varnish Data Sheet</i>	TDS: <i>EM9300 Polycarbonate Urethane TDS</i>
Safety Sheets:	SDS: <i>EM2100wvx Waterborne Alkyd Varnish Gloss SDS</i> <i>EM2200wvx Waterborne Alkyd Varnish Semi-Gloss SDS</i> <i>EM2300wvx Waterborne Alkyd Varnish Satin SDS</i> <i>EM2400wvx Waterborne Alkyd Varnish Flat SDS</i>	SDS: <i>EM6100 Production Lacquer Gloss SDS</i> <i>EM6200 Production Lacquer Semi-Gloss SDS</i> <i>EM6300 Production Lacquer Satin SDS</i> <i>EM6400 Production Lacquer Flat SDS</i>	SDS: <i>EM7100 High Build Lacquer Gloss SDS</i> <i>EM7200 High Build Lacquer Semi-Gloss SDS</i> <i>EM7300 High Build Lacquer Satin SDS</i> <i>EM7400 High Build Lacquer Flat SDS</i>	SDS: <i>EM8100cv Conversion Varnish Gloss SDS</i> <i>EM8200cv Conversion Varnish Semi-Gloss SDS</i> <i>EM8300cv Conversion Varnish Satin SDS</i> <i>EM8400cv Conversion Varnish Flat SDS</i>	SDS: <i>EM93100 Polycarbonate Urethane Gloss SDS</i> <i>EM93200 Polycarbonate Urethane Semi-Gloss SDS</i> <i>EM93300 Polycarbonate Urethane Satin SDS</i> <i>EM93400 Polycarbonate Urethane Flat SDS</i>

TargetCoatings™ | Pigmented Water-Based Lacquer Finishes



	EM6500 Pigmented Lacquer Series	EM6000 Raven Black Lacquer
Type of Finish:	WB Pigmented Acrylic Lacquer	WB Pigmented Acrylic Lacquer
Primary Use:	White and Custom Tint Pigmented Lacquer for Cabinets, Furniture, Trim **Recommend EM7000 or EM9300 Topcoat for Dark Colors**	Deep Rich Black Lacquer for Cabinets, Furniture, Trim
Appearance:	White or Custom Tint Color	Raven Black
Interior/Exterior Use:	Interior – Exterior use with appropriate Topcoat	Interior – Exterior use with appropriate Topcoat
Recommended Application Methods:	Spray, Roll, Brush	Spray, Roll, Brush
Sheens Available:	Satin – 30°	Satin – 30°
Average Minimum Coats:	3 Coats @ 2–4 Mils Wet	3 Coats @ 2–4 Mils Wet
Chemical Burn-In:	Yes – Indefinitely	Yes – Indefinitely
VOC Content:	Low VOC 73 Grams/Liter	Low VOC 73 Grams/Liter
Tintable:	Yes – Factory Tinted **White Base Tint by Customer 2% UTC**	Yes – Up to 5% Water Soluble Dye or Tint
Tannin and Stain Blocking:	No – Use WB Tannin Blocker as Base Coat i.e. Kilz 2	No – Use WB Tannin Blocker as Base Coat i.e. Kilz 2
Cleanup Procedure:	Warm Water or 1:1 Water and Denatured or Isopropyl Alcohol	Warm Water or 1:1 Water and Denatured or Isopropyl Alcohol
Average Dry/Cure Times @ 70°F / 21°C & 50% Humidity:	30-45 Minutes Recoat / 120 Hours Cure	30-45 Minutes Recoat / 120 Hours Cure
Compatibility with CL100 Crosslinker: Data Sheet	Up to 3% by Liquid Volume / 4 oz. per Gal. Instructional Video	Up to 3% by Liquid Volume / 4 oz. per Gal. Instructional Video

TargetCoatings™ | Pigmented Water-Based Lacquer Finishes (continued)



	EM6500 Pigmented Lacquer Series	EM6000 Raven Black Lacquer
Compatibility with SA5 Retarder:	Up to 20% by Liquid Volume	Up to 20% by Liquid Volume
Compatibility within EMTECH Family:	Can be Topcoated with a different EMTECH WB Finish after 12-18 Hour Cure	Can be Topcoated with a different EMTECH WB Finish after 12-18 Hour Cure
Compatibility with Substrates:	Wood, Plywood, Non-Ferrous Metal, Plastics, Fiberglass, Stone/Cement, Carbon Fiber	Wood, Plywood, Non-Ferrous Metal, Plastics, Fiberglass, Stone/Cement, Carbon Fiber
Compatibility with Shellac:	1 lb. cut dewaxed shellac or less // Reduce Zinsser BIN by 50% with Denatured Alcohol	1 lb. cut dewaxed shellac or less // Reduce Zinsser BIN by 50% with Denatured Alcohol
Recommended Tip Sizes for HVLP:	1.8 MM	1.8 MM
Recommended Tip Sizes for Airless Air Assist:	.013 - .015	.013 - .015
Instructions for Use:	TDS: <i>EM6500 & 6600 Pigmented Lacquer TDS</i>	TDS: <i>EM6500 & 6600 Pigmented Lacquer TDS</i>
Safety Sheets:	SDS: <i>EM6500 Pigmented Lacquer SDS</i>	SDS: <i>EM6600 Pigmented Lacquer SDS</i>

TargetCoatings™ | Primers and Sealers



	EM1000 Universal Sanding Sealer	HSF5000 Primer/Surfacer/Grain Filler
Type of Finish:	WB Universal Sanding Sealer	WB Primer, Surfacer, Grain Filler
Primary Use:	Ultra Clear Sanding Sealer to enhance wood grain color and figure	High Solids Primer, Grain Filler, Provides Smooth Non-Textured Appearance
Appearance:	Ultra Clear / Non-Yellowing	3 Colors Offered - White, Gray, Neutral
Interior/Exterior Use:	Interior -- Exterior use with appropriate Topcoat	Interior -- Exterior use with appropriate Topcoat
Recommended Application Methods:	Spray, Roll, Brush	Spray, Roll, Brush
Sheens Available:	N/A	N/A
Average Minimum Coats:	1 - 2 Coats **Do not Build Coat** Data Sheet	Varies Based on Function Data Sheet
Chemical Burn-In:	Yes - 16 Hour Recoat / Post 16 Hour is Chemical Adhesion	Yes - 16 Hour Recoat / Post 16 Hour is Chemical Adhesion
VOC Content:	Ultra-Low VOC 25 Grams/Liter	Ultra-Low VOC 31 Grams/Liter
Tintable:	Yes	Yes
Tannin and Stain Blocking:	No	Light Blocking -- Use WB Tannin Blocker as Base Coat i.e. Kilz 2
Cleanup Procedure:	Warm Water or 1:1 Water and Denatured or Isopropyl Alcohol	Warm Water or 1:1 Water and Denatured or Isopropyl Alcohol
Average Dry/Cure Times @ 70°F / 21°C & 50% Humidity:	30-60 Minutes / Cure - N/A	30-45 Minutes / Cure - N/A
Compatibility with CL100 Crosslinker: Data Sheet	No	Up to 5% by Liquid Volume / 6.5 oz. per Gal. Instructional Video
Compatibility with SA5 Retarder:	Up to 20% by Liquid Volume	Up to 20% by Liquid Volume
Compatibility within EMTECH Family:	Is not compatible with HSF5000, EM6500, EM6600. All other finishes after 2 hour cure.	Can be Topcoated with any EMTECH WB Finish after 2 Hour Cure

TargetCoatings™ | Primers and Sealers (continued)



	EM1000 Universal Sanding Sealer	HSF5000 Primer/Surfacer/GrainFiller
Compatibility with Substrates:	Wood, Plywood, Exotic Wood Species	Wood, Plywood, MDF
Compatibility with Shellac:	1 lb. cut dewaxed shellac or less // Reduce Zinsser SealCoat by 50% with Denatured Alcohol	1 lb. cut dewaxed shellac or less // Reduce Zinsser BIN by 50% with Denatured Alcohol
Recommended Tip Sizes for HVLP:	1.0 - 1.3 MM	2.0 MM
Recommended Tip Sizes for Airless Air Assist:	.011 - .013	.013 - .015
Instructions for Use:	TDS: <i>EM1000 Universal Sanding Sealer TDS</i>	TDS: <i>HSF5000 Primer/Surfacer/GrainFiller TDS</i>
Safety Sheets:	SDS: <i>EM1000 Universal Sanding Sealer SDS</i>	SDS: <i>HSF5100 Primer/Surfacer/GrainFiller Neutral Tint Base SDS</i> <i>HSF5200 Primer/Surfacer/GrainFiller Primer White SDS</i> <i>HSF5300 Primer/Surfacer/GrainFiller Primer Grey SDS</i>



	NR4000 Natural Resin Stain
Type of Finish:	WB Natural Resin Stain System
Primary Use:	Natural Resin Clear and Dye Stain for coloring wood
Appearance:	Clear is Light Amber or 11 Fade Resistent Colors
Interior/Exterior Use:	Clear is Light Amber or 11 Fade Resistent Colors
Recommended Application Methods:	Spray, Roll, Brush, Wipe
Sheens Available:	N/A
Average Minimum Coats:	1 - 2 Coats **Do not Build Coat** Data Sheet
Chemical Burn-In:	Yes - Indefinitely
VOC Content:	Ultra-Low VOC 51 Grams/Liter
Tintable:	Yes
Tannin and Stain Blocking:	No
Cleanup Procedure:	Warm Water or 1:1 Water and Denatured or Isopropyl Alcohol
Average Dry/Cure Times @ 70°F / 21°C & 50% Humidity:	30-45 Minutes / Cure - N/A
Compatibility with CL100 Crosslinker: Data Sheet	No
Compatibility with SA5 Retarder:	Up to 20% by Liquid Volume
Compatibility within EMTECH Family:	Is not compatible with HSF5000, EM6500, EM6600. All other finishes after 2 hour cure.

TargetCoatings™ | Stains (continued)



	NR4000 Natural Resin Stain
Compatibility with Substrates:	Wood, Plywood, Exotic Wood Species
Compatibility with Shellac:	No
Recommended Tip Sizes for HVLP:	1.0 MM
Recommended Tip Sizes for Airless Air Assist:	.009 - .011
Instructions for Use:	TDS: NR4000 Stain TDS
Safety Sheets:	SDS: NR4000 Stain SDS