



EM6500 Pigmented Lacquer Series

EM6500 Bright White-WP, EM6500M-Mid Base , EM6500D-Deep Base, EM6500C Clear Base

Description

Emtech® EM6500 Pigmented Spray Lacquer is a topcoat rated water-based acrylic coating that is formulated to replace latex, alkyd and hybrid paints for use on interior cabinetry, millwork, furniture and any architectural features that require a durable pigmented finish. **EM6500** can be spray or brush applied. When used in conjunction with our **Emtech HSF5000 Primer/Surfacer/Filler**, **EM6500** creates a high quality finish on MDF, birch, poplar and other engineered substrates that require pore-filling to control grain print-through. **Emtech® EM6500 Custom Color Matching**. EM6500 delivers water-based custom color lacquer pros trust. As a universal color vehicle **EM6500** can be tinted to match a wide array of popular Off-White Pastels, Mid-Tones, Deep and Clear Base color systems. **EM6500 Pigmented Spray Lacquer** is compatible with Benjamin Moore Gennex®, Sansin Eco-Tone® and Accurate Dispersion GeoShades®. Other, reliable water-based UTC colorants for in-shop tinting include Colortrend® 896 and 802 tinting colorants. [Contact us](#) to create the perfect color match you need, or for more information about **EM6500** water-based custom color lacquer. Please Note that EM6500 is only available in a **Satin/35 Sheen**.

Use

For use on furniture, cabinet, interior architectural and custom woodworking applications.

Features & Benefits

HAP's FREE	Fast Dry-Time
USEPA AIM National VOC Compliant	Multiple Tint Bases
OTC / MRPO Regional Compliant	Use as 1K or 2K System
SCAQMD Regional Compliant	Water Clean Up
LEED Credit Compliant	Non-Flammable
Multi-Substrate Adhesion Performance	Compatible with Clear Coat Systems
100% Burn-In Technology	

Directions for Use

All surfaces to be finished must be clean and free of oil, dust and contamination that may cause fisheyes or poor adhesion. Clean surface with denatured alcohol and water. Allow surface to thoroughly dry before proceeding. Fine sand surface to be finished with the appropriate grade sandpaper based on the type of final finish required. If the surface to be finished has an oil-based grain filler sealer or primer ensure that the systems are compatible with one another by preparing a test panel before proceeding. Certain solvent-based fillers and sealers may prevent proper adhesion of the topcoat if not thoroughly cured. Ensure that primer or filler have been sanded with a minimum of 400-grit sandpaper and all contamination is removed. Spray-apply each coat of Emtech® EM6500 Pigmented Lacquer with HVLP, conventional or Air-assisted/air spray equipment. Consult with your spray gun manufacturer for proper gun set-ups based on coating viscosity and intended use. Spray gun operators must wear a NIOSHA approved respirator during the spray application of this material. Consult the Material Safety Data Sheet of this material for safety and health procedures.

Unfinished / New Wood

1. After surfaces has been prepared remove all dust with a lint-free cloth dampened with water and alcohol mixed 1:1..
2. Mix EM6500 well before using.
3. EM6500 can be sprayed without reducing with water or Target SA5 Spray Retarder. However, additions of 10% SA5 Retarder may be required to ensure proper film formation over fully cured primers or existing pre-painted colors.
4. Reduce EMTECH™ Lacquer upwards to 10% with water if thinning is required.
5. Apply the required number of coats of EMTECH™ Lacquer to obtain the desired film-build and final look. A minimum of 2 coats applied at 2-4 mils per wet coat is required to obtain a thin film set. There is no limit to the total number of coats of EMTECH™ Lacquer that can be applied. Allow each coat to dry for a minimum of 30-45 minutes before recoating. Sanding between each coat is not necessary unless contamination has affected the film formation, or if the last coat has dried for more than 24 hours. Sand with 400-grit sandpaper to remove surface imperfections, runs, sags and contamination. Remove sanding dust as specified and apply final coat as required.



Physical Specifications

Coating Density: 10.14 lbs./Gal.	Solids % by Weight: 45.0%nv (pastel base)
VOC Content Actual: 73 Grams/Liter	VOC Content Regulatory: 166 Grams/Liter
HAPS Content: 0.0	pH: 9.0 – 9.5
Viscosity: 40 Sec Zahns #3 Cup	Appearance: White, opaque or translucent base
Dry Time: 25- 35 minutes @ 3mils wet	Spread Rate: 400 sq ft. per Gallon @ 3mils wet
Flash Point: Above 200 °F	Shelf-Life: 24+ Months
Freeze/Thaw Cycles: 1+	Photochemical Reactivity: 0

Average Equipment Use Settings

Conventional Equipment w/Pressure Pot:	If needed, reduce with water up to 10% maximum. Nozzle size: 1.8mm to 2.0mm – atomizing air: 40-45psi – Pot pressure 4-8psi. Consult with spray gun manufacturer for optimum pressured based on fluid viscosity.
HVLP Equipment:	If needed, reduce with water up to 10% maximum. Nozzle Size: 1.8mm -2.0mm – atomization pressure: 15-25psi. Consult with spray gun manufacturer to determine the best pressures based on fluid viscosity.
Airless Air Assist Equipment:	If needed, reduce with deionized water up to 5% maximum. Nozzle size , tip size.013 - .015inches, fluid pressure 400 psi (27 bar) – 600 psi(41 bar), atomizing air 10psi (0.69 bar) to 15 psi (1.0 bar).

Clean-Up Procedures

All Target Coatings Emtech® Series finishes cleanup with water. Rinse spray gun fluid handing equipment thoroughly with water and alcohol mixed 1:1 after each use. If finish dries to hard film soak gun parts in a solution of acetone to soften hard/cured film for easier removal.

Industrial Hygiene Requirements

Use only in well ventilated areas. Avoid inhaling spray mist. Wear a NIOSH/MSHA approved respirator during spray applications.

Emergency First-Aid

Ingestion:

Administer large amounts of water.
DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

Inhalation:

Remove exposed person(s) to well ventilated area. Treat symptomatically.

Eyes:

Flush with fresh water. Seek medical attention.

Skin:

Wash exposed area with warm, soapy water. Seek medical attention if irritation occurs.

Disclaimer: The information and suggestions are, to the best of our knowledge, reliable. Since the conditions of use are beyond our control, this company cannot assume responsibility for any risk or liabilities that may result from the use of its products.