



STUDIO FINISHES® MOLTEN METALLICS™ 621

Features

- Studio Finishes® Molten Metallics™ (621) is designed to produce beautiful metallic hammered effect
- Deep rich high gloss finish.
- Interior / Exterior
- Hard durable finish
- If offers superior rust inhibition on exterior surfaces

General Description

Studio Finishes® Molten Metallics™ is an alkyd high gloss hammered metal effect product. It is designed to produce a beautiful deep gloss metallic special affects. It allows the applicator to create a dramatic metalized look to new and previously painted furniture, decorative pieces, trim, accent walls and ceilings.

Recommended For

For interior / exterior use on new and previously painted surfaces, including furniture, decorative pieces, trim and accent ceilings and walls. Use wherever a metallic hammered finish is desired.

Limitations

- Do not apply when air and surface temperatures are below 50 °F (10 °C)
- Two thin coat required for complete coverage
- Available in Quarts and pints only
- Do not apply to bare galvanized metal or aluminum

Product Information

Colors — Standard: Gold (58), Copper (59), Bronze (60), Gun Smoke (77), Silver (78), Charcoal (79)	<table border="1"> <thead> <tr> <th colspan="2">Technical Data◇</th> <th>Gold</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td></td> <td>Alkyd</td> </tr> <tr> <td>Pigment Type</td> <td></td> <td>Metallic</td> </tr> <tr> <td>Volume Solids</td> <td></td> <td>53.0</td> </tr> <tr> <td>Coverage per Gallon at Recommended Film Thickness</td> <td></td> <td>250 Sq. Ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet</td> <td>7.0 mils</td> </tr> <tr> <td></td> <td>– Dry</td> <td>3.5 mils</td> </tr> <tr> <td colspan="3">Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.</td> </tr> <tr> <td>Dry Time @ 77 °F (25 °C) @ 50% RH</td> <td>– To Touch</td> <td>4 Hours</td> </tr> <tr> <td></td> <td>– To Recoat</td> <td>16 Hours</td> </tr> <tr> <td colspan="3">Full cure will be reached in 5 – 7 days</td> </tr> <tr> <td>Dries By</td> <td></td> <td>Evaporation, Oxidation</td> </tr> <tr> <td>Viscosity</td> <td></td> <td>80-88 KU</td> </tr> <tr> <td>Flash Point</td> <td></td> <td>102°F</td> </tr> <tr> <td>Gloss / Sheen</td> <td></td> <td>High Gloss</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>50 °F</td> </tr> <tr> <td></td> <td>– Max.</td> <td>100 °F</td> </tr> <tr> <td>Thin With</td> <td></td> <td>Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td></td> <td>Mineral Spirits</td> </tr> <tr> <td>Weight Per Gallon</td> <td></td> <td>8.3 lbs</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min.</td> <td>40 °F</td> </tr> <tr> <td></td> <td>– Max.</td> <td>90 °F</td> </tr> <tr> <td colspan="3" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">400 Grams/Liter 3.30 lbs/gal</td> </tr> </tbody> </table>	Technical Data◇		Gold	Vehicle Type		Alkyd	Pigment Type		Metallic	Volume Solids		53.0	Coverage per Gallon at Recommended Film Thickness		250 Sq. Ft.	Recommended Film Thickness	– Wet	7.0 mils		– Dry	3.5 mils	Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.			Dry Time @ 77 °F (25 °C) @ 50% RH	– To Touch	4 Hours		– To Recoat	16 Hours	Full cure will be reached in 5 – 7 days			Dries By		Evaporation, Oxidation	Viscosity		80-88 KU	Flash Point		102°F	Gloss / Sheen		High Gloss	Surface Temperature at Application	– Min.	50 °F		– Max.	100 °F	Thin With		Do Not Thin	Clean Up Thinner		Mineral Spirits	Weight Per Gallon		8.3 lbs	Storage Temperature	– Min.	40 °F		– Max.	90 °F	Volatile Organic Compounds (VOC)					400 Grams/Liter 3.30 lbs/gal
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Technical Assistance Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit www.benjaminmoore.com																																																																									

◇ Reported values are for Gold. Contact Benjamin Moore for values of other bases or colors.

Surface Preparation

Surfaces to be finished must be clean, dry and free of wax, grease, scaling paint and mildew. Hard, glossy areas should be dulled with fine grit sandpaper to ensure proper adhesion.

Studio Finishes® Molten Metallics™ can be applied to most properly prepared surfaces

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. Carefully clean up with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead

Primers

If priming is necessary use an appropriate Fresh Start® primer following label directions. For best results apply Molten Metallics™ over a color of similar depth of the finish coat color.

Application

Mix the product thoroughly before and during application. **On vertical application two thin coats is required.** Exceeding the recommended spread rate will cause the product to sag on vertical surfaces. Always maintain a wet edge but avoid over brushing or rolling. Apply one or two coats as needed. If a second coat is required an overnight dry is recommended. **Do not overwork the product or you will reduce the effect.**

APPLICATION METHODS: Can be brushed using a natural or synthetic bristle brush or rolled using a 3/8" lambs wool or 1/4" - 1/2" synthetic roller cover. Roll in one direction, rewet, then cross roll

Airless Spray: Tip range between .017 and .021 inch. Total fluid output pressure at tip should not be less than 2200 psi.

Conventional Spray: Us .07 -.08 inch Tip size, pressure pot 15-20 psi and atomizing pressure 25-35 psi

Note: Ambient temperature and humidity will affect working time.

Thinning/Cleanup

Do not thin

DANGER – Rags, steel wool or waste soaked with the product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

USE COMPLETELY OR DISPOSE OF PROPERLY.

This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.

Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for local disposal options.**

Environmental, Health & Safety Information

DANGER!

COMBUSTIBLE LIQUID AND VAPOR

VAPOR HARMFUL

Contains: Petroleum Distillates, Methyl ethyl ketoxime

HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT. MAY CAUSE ALLERGIC SKIN REACTION.

NOTICE: Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Keep away from heat and flame. **Use only with adequate ventilation.** Do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. May cause allergic skin reaction. To avoid breathing vapors or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor levels are above the applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Aspiration Hazard. Small amounts aspirated into the respiratory system may cause mild to severe pulmonary injury. Close container after each use. Wash thoroughly after handling.



WARNING Cancer and Reproductive Harm—
www.P65warnings.ca.gov

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Get medical attention immediately.

IN CASE OF FIRE – Use foam, CO₂, dry chemical or water fog.

SPILL – Absorb with inert material and dispose of as specified under "Clean Up".

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

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