



Acrylic Lacquer Topcoat

Series 20

Series 20 is a quality, one-component acrylic lacquer developed specifically for industrial signage needs. It can be used on properly prepared substrates such as steel, aluminum, photopolymer, acrylic, and wood. Colors are available in factory pack only:

ZZ20-313/01 Duranodic
 ZZ20-313E/01 Duranodic
 ZZ20-01/01 White
 ZZ20-02/01 White Matte
 ZZ20-80/01 Black Gloss
 ZZ20-81/01 Black Matte
 ZZ20-WH/01 White Concentrate



Features & Benefits:

- Easy to apply
- Fast drying
- Durable and fade resistant
- Gloss finish

Compatible Surfaces:

Series 20 may be applied over properly prepared:

6001SP/01 Polyester Primer Surfacer	74350SP/01 3.5 Non-Chromate Primer	LVU100/01 Ultra Low VOC Epoxy Primer
6007SP/01 3.5 Gray Epoxy Primer	74734SP/01 Metal Pretreatment	SMPFV205A/01 Chromate Free 3.5 VOC Wash Primer
274685SP/01 U Prime	74760SP/01 PT Filler	SMHB404A/01 Urethane Filler
274808SP/01 Black Epoxy Primer	74770SP/01 HBPT	SMP001A/01 Epoxy Gray Primer
274908SP/01 White Epoxy Primer	74780SP/01 HBEF	SMP002A/01 Epoxy White Primer
274528SP/01 2.1 VOC Gray Epoxy Primer	74777SP/01 Tie Bond	SH5106/01* White Primer
274530SP/01 2.1 VOC White Epoxy Primer	274777SP/01 Low VOC Tie Bond	Z6248/01 1K WB White Primer
274531SP/01 2.1 VOC Black Epoxy Primer	274793SP/01 Low VOC Spray Bond	*Also available in /PL or /DR

Associated Products:

ZZ205/01* General Purpose Thinner
 ZZ215/01** Slow Thinner
 ZZ203091/01 Gloss Modifier
 ZZ20-CL/01 Clear

*Also available in /PL and /DR

**Also available in /DR

Series 20

Directions for Use

Surface Preparation:

- Surfaces must be clean, free of moisture, mill scale, rust and loose paint.
- Surfaces previously painted must be abraded and cleaned for proper adhesion.

Mix Ratio:



Mix Ratio for Spraying (by volume)

Series 20 is Ready to Spray (RTS) as packaged.

If desired, it can be thinned up to 20 % with ZZ205/01*.

To adjust the gloss level of Series 20, add ZZ203091/01 Gloss Modifier (by volume):

- For 15-20 units of gloss, add 5 parts Series 20 paint to 1 part of ZZ203091/01
- For 30-35 units of gloss, add 15 parts Series 20 paint to 1 part of ZZ203091/01
- For 40-45 units of gloss, add 20 parts Series 20 paint to 1 part of ZZ203091/01

*Also available in /PL and /DR

Additives:



None required, but the following may be used for specific application or project needs:

- ZZ203091/01 Gloss Modifier
- 287112SP/04 Medium Suede Additive
- 287113SP/04 Suede Additive

Spray Set Up:



Air Pressure: Conventional: 40 - 50 psi at the gun*
HVLV: 10 psi at the cap*

* Refer to spray gun manufacturer recommendations for inlet pressure.



Pressure Pot Fluid Delivery: 8 - 12 Fluid Ounces per Minute



Gun Set Up: Siphon Feed: 1.2 - 1.4 mm 0.047 - 0.055 fluid tip
HVLV: 1.2 - 1.4 mm 0.047 - 0.055 fluid tip
Pressure Pot: 1.0 - 1.2 mm 0.039 - 0.047 fluid tip

Application:



Apply: Apply two to three full wet coats, allowing proper flash time* between coats. Apply additional coats as necessary to achieve total dry film thickness and color coverage.

*Flash times will vary dependent upon film thickness, temperature, solvent selection, spray gun set-up, application, etc.

Recommended Film Thickness:		Per Coat	Total
Wet Film Thickness (WFT)		2 mils	4 - 6 mils
Dry Film Thickness (DFT)		.5 mils	1 - 1.5 mils

Caution: Dry time slows significantly at temperatures below 60°F or 16°C. Never spray or subject freshly painted coatings to these conditions or loss of gloss, decreased durability and improper curing can occur.

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Directions for Use

Estimated Drying Times:



Air-Dry @ 50% Relative Humidity, 70°F/21°C
Tack free: 10 minutes
Dry to handle: 20 minutes

Equipment Cleaning:

Clean equipment promptly with lacquer thinner or equivalent cleaning solvent.
Note: Do not leave mixed material in equipment.

Technical Data:

VOC Information

VOC Actual RTS	5.18 lbs/gal
VOC Actual RTS	621 g/L
VOC Regulatory (less water less exempt) RTS	5.18 lbs/gal
VOC Regulatory (less water less exempt) RTS	621 g/L

ZZ20-01 White used as standard.

For complete VOC information, visit MatthewsPaint.com > Quick Links > VOC Data

Performance Characteristics

Volume solids (Packaged)	25% - 38%
Theoretical Coverage (1 mil @ 100% transfer efficiency)	364 sq.ft./RTS gal
Application Conditions - Temperature	60°F (16°C) Minimum 100°F (38°C) Maximum
Application Conditions - Relative Humidity	85% maximum 5° above dew point

Important: The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

See Safety Data Sheet and Labels for additional safety information and handling instructions.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION - US (412) 434-4515; CANADA (514) 645-1320; Mexico 01-800-00-21-400
Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public. Products mentioned may be hazardous and should only be used according to directions, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to Matthews Paint. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does Matthews Paint warrant freedom from patent infringement in the use of any formula or process set forth herein.
If you require technical assistance, please call us toll-free 800/323-6593.

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The World's Finest Coating For Architectural Signage

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