



DESCRIPTION:	ROADZILLA® Black Methyl-Methacrylate (MMA) 50:1 Beaded Extrude Two-Component Traffic Marking Paint
COLOR:	Black – Part A
CORRESPONDING CODE:	25A-G001
APPLICABLE SPECIFICATION:	Various
TYPICAL USE:	Crosswalks, stop bars, signage, and other areas where durability is critical
DRY TIME:	Less than 20 minutes at 77°F
COVERAGE:	Approximately 18 sq. ft. per gallon at 90 mils

TECHNICAL DATA AND PRODUCT SPECIFICATIONS MAY BE FOUND ON THE REVERSE SIDE OF THIS DOCUMENT.

GENERAL INFORMATION

The following information has been provided as a general guideline for the use and disposal of Aexcel traffic marking paints. It is also very beneficial to run a small test in a non-critical area in order to ensure the surface preparation; weather conditions, equipment and product are suitable and working properly.

SURFACE PREPARATION

Care should be taken to ensure that the surface is clean, dry and free of loose material. A simple leaf blower is typically sufficient to remove gravel and dust in most instances. When applying over previously coated areas, however, take special care to remove any loose or peeling paint. Other surface conditions, such as areas with large amounts of engine oil buildup or existing epoxy coatings, may require a power-washing procedure or abrading the surface before application of the paint. New concrete and asphalt should be aged for a minimum of 30 days prior to painting. Use caution when striping over a freshly sealed surface. Sealers can affect the adhesion and cure of traffic marking paints. For more information on the surface, please consult with the supplier or applicator of the surface.

WEATHER CONDITIONS AND APPLICATION

Air temperature, surface temperature, humidity and the weather conditions following application are extremely important factors in the success of the products. Aexcel formulates these coatings to be applied without further reduction. They can also be used in conjunction with the application of glass beads to improve reflectivity without sacrificing other properties. Protect fresh lines from traffic until thoroughly dry. This coating should not be applied to surfaces less than 40°F or to surfaces above 110°F.

EQUIPMENT

The equipment must be matched to the paint being applied in order to achieve the proper film thickness and coverage. Methyl-Methacrylate coatings require specialized application equipment and should never be applied using standard equipment. Equipment recommendations are available upon request.

PAINT SELECTION AND SAFETY

Use only paint recommended or specified for each application. Methyl-Methacrylates give off large amounts of heat upon reaction. Mixing volumes of more than five gallons at a time is not recommended due to the exothermic reaction. Shelter the containers when possible and avoid prolonged outside storage. Agitation of the paints by stirring or shaking should be performed in order to ensure uniform consistency, application and performance. Always be sure the containers are sealed tightly during transporting or storing in order to avoid spillage, risk of fire and solvent evaporation. Keep paints away from heat and flame. Consult the MSDS and/or labels for further safety, first aid, and spill or leak procedures.

WASTE DISPOSAL

Comply with all regulations regarding handling, storage and disposal of all hazardous materials and waste. Consult local agencies or disposal companies for individual instructions and requirements. **Improper disposal of paint and their related materials is illegal and may result in large fines.** Please comply with all regulations and minimize waste whenever possible.

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VISCOSITY @ 77°F, Brookfield LV #4 Spindle 60 RPM:	11,000-15,000 cps
WEIGHT PER GALLON @ 77°F, Lb.:	16.1 +/- 0.2
TOTAL SOLIDS, %By Weight:	99.0 Minimum
PERCENT GLASS BEADS, % By Weight:	24.0 Minimum
PROPERTIES AFTER COMBINATION AT 50:1 PART A: 50% DIBENZOYL PEROXIDE PASTE	
GEL TIME, Minutes:	5 Maximum
NO TRACK TIME, Minutes @ 77°F:	20 Maximum
HARDNESS, Shore Durameter, Type D:	80 Minimum
DRY FILM REFLECTANCE, % of Magnesium Oxide:	50 Minimum
TENSILE STRENGTH, kPa at Break:	860 Minimum
CHEMICAL RESISTANCE:	No effect after seven days immersion in antifreeze, motor oil, diesel fuel, gasoline, calcium chloride or transmission fluid
CLEANUP SOLVENTS:	Toluene or Methyl-Ethyl Ketone

NOTE: For best results, topcoat with AASHTO Type I, 80% round or higher glass beads with AC-02 coating. Use of other coatings on the glass beads could affect the cure and durability of the material.

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