

MDC FUZE Kit Contents:

Large Container Part A & Small Container Part B

Coverage:

Kits cover approximately 60 or 250 square feet of surface area

Characteristics:

- Available in white or clear
- Clear can be painted over any eggshell sheen latex-based paint – regardless of color
- 1.5-2 hours pot life
- Can be applied by roller or spray applied
- Isocyanate Free
- Low Volatile Organic Compound (VOC) content of less than 100 grams per liter as mixed
- Non-yellowing and UV resistant
- Highly chemical and stain resistant
- LEED NC 2009 Compliant

Application:

Apply by roller or sprayer over smooth, non-porous painted surfaces including drywall, marker board, chalkboard, metal, and glass, as well as smooth vinyl wallcovering. Opening, mixing, and installing FUZE should be done by a professional installer, in accordance with the application instructions.

Preparation:

Surface should be dry, prepared to Level 4 or 5 smoothness, and free of grease, mildew, dust and any imperfections. Spray application of primers/sealers and base color coat of paint is preferred. Scuff sanding is recommended for high gloss surfaces.

Pot/Shelf Life:

1.5-2-hour open time / 24-month shelf life, providing product is not opened and is properly stored

Cure Time:

Ready for use after 5 days, although 7 days will allow for varying climates.

Environmental:

- Free of formaldehyde, harmful carcinogens, chromium, lead, and mercury
- Low VOC content of <90 g/L meets Green Seal standards for paints and coatings
- Qualifies for contribution to LEED Credit 4.2 Low-Emitting Materials
- Meets or exceeds environmental criteria for non-flat coatings according to the U.S.
- Environmental Protection Agency, U.S. Green Building Council, Canada Green Building Council, South Coast Air Quality Management District, and the California Air Resources Board

Markers:

For best performance, use MDC or Expo Regular dry erase markers.

Maintenance:

For daily erasing and cleaning use a clean, dry-erase cotton cloth, or microfiber towel. Periodically use a clean damp cloth, dry-erase cleaner, or wipes to maintain surface.

Safe Handling:

Use product only with adequate ventilation and/or an appropriate cartridge type respirator. Avoid contact with skin and wear protective gloves. Read the Safety Data Sheet before using.

Technical Data

Solid by Weight (%)	Clear/Matte 60 (±2%)/58% Pigmented 66 (±2%)/64%
Solid by Volume (%)	50%
Dry Time	4 – 8 hours
Cure Time	3 – 7 days
Pounds Per Gallon	Part A 9.2 lbs/gallon Part B Clear/Matte 8.7 lbs/gallon Part B Pigmented 10.8 lbs/gallon

Test Data

TEST	RESULTS	TEST METHOD
Flash Point	>118°C (245 °F)	Tag closed cup
pH	Part A - N/A Part B - 9.2	--
Specific Gravity	1.05	--
Gloss	> 90 @ 16 °C (60°F)	Gloss meter
Gloss Loss	< 10%	ASTM D523
Color Loss	< 1.1%	ASTM D2244
Salt Spray	1500+ hours	ASTM B117
Humidity	1500+ hours	ASTM D2244
Abrasion	< 40mg	ASTM D4060
Hardness	> 2H	ASTM D3363
Adhesion	Pass	ASTM D2197
Flexibility	Pass	ASTM D2794
Surface Burning	Flame spread 0 Smoke development 0	ASTM E84
Odor	None	--
VOC (g/L, less water)	0	--
MEK Double Rub @ 50% solids	Passed 2,000 cycles	--

Chemical Resistance

RainguardPro® Polyurethane HD provides excellent resistance to a wide range of chemicals and acids, including:

Ammonium Hydroxide	Hyjet #3	Toluene & Xylene
Potassium Hydroxide	Skydrol 500 A & B	Jet Fuel - Butyl Cellusolve
Sodium Hydroxide	Hydrochloric Acid 10%	Acetone - Cellusolve Acetate
Sodium Chloride	Phosporic Acid 35%	Methyl Ethyl Ketone
Trisodium Phosphate	Sulfuric Acid 20%	Beer - Cola - Milk
Ethyl Alcohol	Acetic Acid 24%	Mustard - Bleach
Isopropyl Alcohol	Trichlorethylene	-
Methyl Alcohol	Perchlorethylene	-

Warranty:

5-year limited warranty from date of shipment.

MDC Interior Solutions guarantees that this product is free from manufacturing defects and complies with our published specifications. If the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. MDC Interior Solutions makes no other warranty, expressed or implied, and all warranties of merchantability and fitness for a particular purpose are hereby disclaimed. MDC Interior Solutions or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product. MDC Interior Solutions shall not be liable for material used outside of its shelf life. For product dating, please refer to the batch number on the product or contact MDC Interior Solutions.

Surface conditions and application variables are out of the control of MDC Interior Solutions. As such, the applicator agrees to: Follow recommended application instructions, acknowledge limitations outlined in this technical data sheet, contact MDC Interior Solutions in the event there any uncertainties, perform a test panel to confirm fit and finish before any general application. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide.

MDC Interior Solutions assumes no obligation or liability for use of this information.

Contact MDC Interior Solutions Customer Care at 847-437-4000 for additional information.