



SPRAY-APPLIED CHIPS

1. PRODUCT NAME:

Multispec Stone Accents

2. MANUFACTURER:

Multicolor Specialties, Inc. 1200 South Storbeck Drive
Waupun WI 53963

3. PRODUCT DESCRIPTION

Material: Durable, fast drying waterborne decorative multicolor paint for interior and protected vertical exterior applications.

Limitations: Freezable and heat sensitive. Requires knowledgeable applicator and specific spray equipment.

Sizes: Gallons, quarts and 5-gallon pails. Shipping weight 9.8 lbs. per gallon.

Patterns and Colors: Random dispersion of various size flecks of different colors. Multicolors are manufactured to specification and delivered ready to use.

Composition and Materials: Waterborne paint droplets suspended in an immiscible water phase.

Suitable applications: Interior and protected exterior surfaces, walls, floors, ceilings, trim and accessories. Well-suited for direct roller or spray application on clean and efflorescence-free cement, cinder block, plaster, stucco, brick, terra cotta, cast stone, and knock down. Can also be applied to properly prepared and primed smooth flat surfaces such as drywall, fiberboard, acoustical tile, ceramic, wood, plastic, laminates, glass and metal. Specific high performance primers and clear topcoats must be used for high performance applications such as floors or countertops.

Unsuitable Applications: Not for use in areas with hydrostatic pressure; flexible surfaces subjected to excessive structural movement (such as expansion joints), or exposure to corrosives or high heat.

4. TECHNICAL DATA

Finish: Flat Gloss: 10 gloss units with 60° gloss meter.

Coverage: Approximately 50 – 100 sq. ft. per gallon when rolled and 125 – 175 sq. ft. per gallon when sprayed.

Coverage varies depending on surface texture, porosity, film thickness and application technique.

• **Shelf Life:** May degrade under temperature extremes or due to excessive agitation. Manufacturer recommends use within one year from date of manufacture.

• **Dry Time:** To touch 2-3 hours at 70° F. and 50% humidity; to use, overnight; full dry, several days. Drying time will vary according to temperature, humidity and film thickness.

Fire Rating: Class A rating (SSTM E-84)

Flash Point: Not applicable. Nonflammable.

Water Vapor Transmission: Full coat coverage WVP (perms) 2.79 (ASTM D 1653)

Shipping Class: Not regulated water-base.

Must be protected from freezing.

Flexibility: Excellent. No cracking of film over 1/8" mandrel (ASTM D-1737).

Film Hardness: HB-H pencil hardness (ASTM D-3363)

Self Lifting: Excellent intercoat adhesion (FED STD 141B Method 6252)

Stain Resistance: No stains from mild acids, chemicals, oils, or foods (ASTM D-1308).

Abrasion Resistance: Taber abrasion 153.9 mgms. Loss/100 cycles CS-10 Wheel 1000 gms. weight (ASTM D-4060)

Washability: Reflectance recovery 95.5% (ASTM D-4060)

Scrub Resistance: 2,350 cycles (ASTM D-2486)

Fungal Resistance: No growth (ASTM D-3273)

5. APPLICATION

Handling/Storage/Shipping: Care must be exercised in handling. Multicolor paint is fragile. To mix thoroughly stir gently with paddle. **Do not mix mechanically.** Vigorous agitation may break down color flecks and change color.

Do not freeze or store over 100° F. Close container tightly after each use. Do not store in unlined metal containers.

Surface Preparation and Priming: Surface must be in good condition and free of efflorescence and contaminants. Surface should be clean and dry. Multicolor can be rolled or sprayed directly on certain textured or porous surfaces such as concrete block. Highly porous substrates will decrease spread rate. Prime with appropriate primer/sealer/

stain killer required for surface.

NOTE: Drywall often contains recycled paper which causes bleed-through and staining. Waterbase latex primer/stain killers are not always effective in blocking stains when used with multicolor topcoat. For best results, first prime with appropriate solvent-base primer/sealer/stain killer such as Zinsser Bulls Eye H2O-Base Primer Sealer. For further details refer to Application and Equipment Guidelines packed in carton or call MSI. For roller application over smooth or previously primed surfaces, always apply SE-2 Gray Basecoat.

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. Clean up carefully 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.

Reduction: Ready to use. If reduction is necessary add water in small increments (3-4 liquid ounces per add). Do not add thinners, reducers or solvents which will destroy paint.

Application Guidelines: Final finish may vary from standard due to variations in paint, equipment, pressure settings, technique and substrate. **Always evaluate color, pattern and paint delivery rate on mock-up test area while using specific batch of paint with equipment selected for job and be certain that mock-up meets with the approval of specifier prior to beginning the job. Once approved, the mock-up should serve as the standard for the job. Color standards and film properties can only be attained when application is full coat coverage. Follow equipment manufacturer's instructions for use and maintenance of equipment. Observe all warning statements relating to both paint and equipment.**

• Paint will have a bluish-white cast when first applied and heavier texture when rolled. Allow to dry thoroughly for proper color and final appearance.

• Avoid application during periods of high humidity and/or when temperature of paint surface or air is below 60° F. or above 100° F.

• Remove all filters and strainers from spray equipment.

• Do Not Use pressure pot agitator, siphon-type or gravity feed guns or airless spray equipment.

• Use paint with same batch number for specific job.

There may be slight differences between batches.

Roller Application: For best results on unpainted surfaces, first prime before applying SE-2 Gray Basecoat. Basecoat can generally be applied directly to previously painted surface without priming. Follow Basecoat label for instructions for use. For roller application use Multispec Special Roller Cover and Corner Roller. Only specific reticulated foam rollers will work properly. Use roller frame with a paint shield for spatter protection if desired. Load roller fully and evenly with Multispec Stone Accents multicolor and apply liberally. Spread on area comfortable to reach (3' x 3'). Apply with slow, smooth gentle strokes. First use straight uniform vertical strokes, alternating top to bottom strokes with bottom to top strokes, reloading roller between strokes.

Then, without reloading roller, cross hatch the same area, rolling back and forth with horizontal strokes. If necessary, re-roll the same area diagonally to distribute multicolor evenly over surface in order to minimize lap marks and blend together edges of adjacent applications. When multicolor application appears to fully cover area being painted, move on to next section. Once paint area has started to dry, do not attempt to repaint or touch up area. If completed application does not have a uniform appearance, let dry overnight and recoat or touch up.

NOTE:

• Practice applying multicolor before starting project.

• Multicolor will appear to be heavily textured until dry.

• First use corner roller for corners and difficult to roll areas, then roll over these areas using 9" foam roller.

• Too much pressure on roller or too much rolling may

damage color flecks and change multicolor appearance.

• Start rolling from unpainted toward painted areas whenever possible. Roll gently.

• Fast strokes cause paint to spatter.

• Avoid rolling on partially dried areas to avoid lifting.

• For best results, apply when temperature of paint surface and air are between 60°-90° F. at low humidity.

Spray Application: For spray application use an HVLP 4 stage turbine equipment with a pressure pot and a 2.0 mm or larger projector set; or an ASME dual regulated pressure pot with an HVLP or conventional spraygun with a 1.7 to 2.2 mm fluid tip setup with an external nozzle only.

Conventional air spray equipment will decrease fleck pattern size. Ask dealer for spray equipment guidelines.

Sample standards are sprayed with an ASME dual regulated pressure pot with an HVLP spray gun and a 2.0 mm fluid tip setup. Remove all filters and strainers from equipment. Maintain uniform distance of approximately 12" –

18" between the gun and surface. Adjust equipment and distance for best results. Aim spray gun directly at surface (spraying at an angle will distort pattern). Spray horizontal strokes, overlapping each previous stroke by 50%. Then cross hatch the same way with vertical strokes to eliminate any lap marks. Begin spray stroke before triggering and release trigger before stroke is completed.

Note: Application must be full coat coverage. If not properly applied the following will occur: uneven appearance, picture framing, lap marks, unsatisfactory touch up and diminished properties. Spray application has slightly different appearance (finer pattern and smoother finish) than roller application. Prepare a mock-up using specific paint and equipment for job in an inconspicuous area prior to proceeding.

Top Coating: Can be clear coated with Multispec MCT to increase gloss and/or improve properties in areas subjected to repeated soiling. **For floors, work surfaces and heavy duty applications use high-build, two component polyurethane or epoxy clear topcoat.**

Touch up: For small touch up use large pore sponge to dab on multicolor. If necessary, roll over dabbed on area to level Multispec Stone Accents. For larger areas or spray applications, duplicate original application. Basecoat not normally needed when re-rolling over Multispec Stone Accents. For best result repaint from corner-to-corner.

Cleanup: Wash roller thoroughly with warm soapy water immediately after use. Flush spray equipment with water.

Precautions: DO NOT BREATHE SPRAY MIST. Wear an appropriate respirator (NIOSH/MSHA APPROVED), SAFETY GOGGLES AND GLOVES. Use adequate ventilation. Avoid breathing dust when sanding. Wear NIOSH approved respirator. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.

HMS Rating: Health 1; Flammability 0; Reactivity 0; Personal Protection 1.

6. AVAILABILITY AND COST

Availability: Available in the United States and several foreign countries. Cost: Prices vary depending on order quantity and color complexity.

7. NOTE

Multispec Stone Accents is sold without warranty expressed or implied. Liability shall be limited to replacement of product. Multicolor Specialties, Inc. shall in no event be liable for consequential damages. This product will perform as claimed if applied according to our directions. The directions apply to most applications but may not cover special conditions, applications, techniques and/or surfaces.

8. MAINTENANCE

Wash as required with a solution of mild detergent or use a mild abrasive (i.e., Mr. Clean Magic Eraser or Soft Scrub without bleach) and rinse with water. Should unusual soil or stain problems occur, contact manufacturer for instructions.

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