

# ACRYLIC POURING MEDIUM

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### DESCRIPTION

Colortek Acrylic Pouring Medium is a water-based additive, specially formulated to improve the fluidity, smoothness and consistency of Colortek's acrylic paints, allowing it to flow uniformly and easily across a surface without cracking and crazing.

### RECOMMENDED FOR

For artistic liquid pouring applications and cell effects creation on canvas, wood panels, gesso boards, etc.

### KEY FEATURES

- Adhesion on surface maintained
- Preserves color brilliance and balance
- Improves leveling and flow properties
- No cracking
- Non-yellowing

### PHYSICAL PROPERTIES

<b>Solvent Type</b>	Waterborne	
<b>Finish Type</b>	Gloss Level 1 a traditional flat finish	Not more than 5 units at 60 degrees and 10 units at 85 degrees
<b>Gloss Values</b>	(20/60/85) = 3.3, 2.3, 1.1 - Flat 3	Based on ASTM D523
<b>Spreading Rate</b>	8 - 10 m <sup>2</sup> /kg	Depending on surface porosity and application techniques
<b>Average Dry Time</b>	Touch-dry in 1/2-1 hour	Based on ASTM D 1640
<b>Recoat</b>	After 2-4 hours.	
<b>Flash Point</b>	Not Applicable	
<b>Dry Film Thickness</b>	40 to 45 microns depending on application	
<b>Thinner</b>	Not required	
<b>Scrub Resistance</b>	800 cycles	Based on ASTM D2486
<b>Contrast Ratio Dry Opacity Hiding Power</b>	95.6% ±0.3 at 100 micron WFT 98.8% ±0.3 at 200 micron WFT	ASTM D2805
<b>Density</b>	Approximately 1.50 g/cm <sup>3</sup> varies depending on color	
<b>Solids</b>	Approximately 60% varies depending on color	
<b>Alkali Resistance</b>	No wrinkling, lifting, disintegration or color change	Based on ASTM D1308-02
<b>Viscosity</b>	7000 – 12000 cP Measured with Spindle 6 / Speed 20	
<b>VOC</b>	Maximum of 30 g/L.  Testing Methods Used <ul style="list-style-type: none"> <li>• ASTM D6886</li> <li>• EPA Method 24 (ASTM D2369)</li> <li>• ASTM D3960</li> <li>• UL 2821</li> <li>• ISO 11890-2</li> </ul>	<ul style="list-style-type: none"> <li>• Compliant with GS-11 Standards, 1993</li> <li>• Compliant with UL 2818 - 2013 Gold Standard</li> <li>• Compliant with LEED 2009</li> <li>• Compliant with LEED V4</li> <li>• Compliant with EU Directive 2004/42/EC</li> <li>• Compliant with SCAQMD Rule 1113, 2004</li> <li>• Compliant with California Department of Public Health (CDPH) Standard Method VI.1-2010</li> </ul>
<b>Colors</b>	Available in 20 White, 10 Black, 17 Tan, 27 Emerald, 46 Beech leaf, 54 Dark Grey, 65 Midnight, 66 Violet, 68 Galaxy, 72 Flame red, 80 Orange, 83 Canary, 94 Mahogany, 96 Walnut.	

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### WORKPLACE AND SURFACE PREPARATION

- When working on canvas, prepare the surface with a layer of Colortek Gesso to hold the weight of the paint.
- Other surfaces such as MDF, wood panels, etc. should be treated following relevant and specific substrate preparations methods.
- Work in a well-ventilated room.
- Make sure work areas are levelled and properly balanced to avoid surface tilting and uneven flow.
- If working on an edgeless surface, raise the substrate off the table using cups to prevent the flowing paint sticking to the underside.

### APPLICATION CONDITIONS

Do not apply at temperatures below 15 °C or when rain is expected. Stir well. Apply using brush, roller or airless spray.

### TOOLS NEEDED

- Use plastic sheets to keep your table or floor from getting stained with paint.
- Use clear plastic cups, squeeze bottles, and wood stirrers to prepare your color mixes.
- Use Palette knives to spread and even paint toward the edges.
- A heat torch or hair dryer can be used to remove bubbles and bring cells out in specific areas.

### MIXING RATIOS

#### Option 1

- 40% acrylic paint
- 60% acrylic pouring medium

#### Option 2

- 40% acrylic paint
- 10% water
- 50% acrylic pouring medium

### CELL CREATIONS

**The creation of cells can be facilitated through the addition of a specific product found in the kit: acrylic cell.**

- Add about 3 drops of acrylic cell for each 100 ml color or per cup.
- Stir in the acrylic pouring medium to stimulate cell formation within acrylic paint.
- For large cells: stir lightly through the mixture.
- For small cells: stir vigorously, so that the acrylic cell is more distributed in the paint.

### POURING TECHNIQUES

The pouring ratios above and techniques described here are simply a starting point. Liquid Art is a creative process in which you can freely experiment to create unique effects and textures.

#### FLIP CUP OR DIRTY POUR TECHNIQUE



After mixing the medium into each color, layer each color into a single cup. The first color you pour into the cup will be the last to appear on your surface and likely the most prominent. Pour straight on your surface or place surface face down over cup and flip

**PUDDLE POUR TECHNIQUE**



Pour individual color mixtures directly onto the surface, layering them on top of each other in one puddle. Tilt surface to move paint.

**DIRECT POUR TECHNIQUE**



Keeping your color mixtures separate, alternate pouring directly onto surface. Tilt surface to create a marbled pattern.

**CURING TIME**

- Curing required approximately 2 days.
- Drying and curing times will be impacted by ambient temperatures and humidity.
- Do not seal the surface if it has not completely dried and cured.

**SEALING THE SURFACE**

Liquid art surfaces created with Colortek Acrylic Pouring Medium can be sealed with varnish or with Sealing with Colortek Liquid Crystal thin cast resin.

**PACK SIZE**

- Pint: 650g
- 200mL: approx. 250g (varies depending on color)

**SHELF LIFE**

24 months from the date of production.

**STORAGE AND HANDLING**

Care should be taken to avoid spillage. Store in a dry area. Protect from freezing. Extreme temperatures may cause paint to become unusable. For example: freezing and thawing may cause paint to gel, and high heat may cause solid skin to form.

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### SAFETY

Use under well ventilated conditions. Avoid skin contact. In case of eye contact, flush immediately with water for at least 15 minutes and seek medical attention immediately. If you have trouble breathing, leave the area to obtain fresh air and seek medical attention immediately.

### CLEANING

Remove as much leftover product as possible from the application equipment before cleaning. Clean equipment immediately after use with warm soapy water and rinse thoroughly. Do not empty product into drains or watercourses.

### TECHNICAL ASSISTANCE

Available through your local COLORTEK® Design Center or through your COLORTEK PAINTS® authorized distributor. For the location of the retailer nearest you, email us at [info@colortek.eu](mailto:info@colortek.eu) or check our website [www.colortek.eu](http://www.colortek.eu).

### DISCLAIMER

Product batches are subject to stringent quality control checks in conformity with ISO 9001:2015, Certificate LB18/234269. The information submitted in this manual is correct to the best of our knowledge & experience. No liability whatsoever can be accepted on the basis of the information supplied herein.