

## PRODUCT DATA SHEET

### #4908-00 COLORTHEMES FLAT

#### LONGER LASTING TRUE COLOR 100% ACRYLIC EXTERIOR/INTERIOR FLAT PAINT

**DESCRIPTION:** ColorThemes Flat is a 100% acrylic premium quality coating especially formulated for long exterior/interior durability and color retention. The color is protected from fading and disintegrating due to UV sun rays. It resists oil, acids, alkali, gas and chemical fumes, and will not blister on damp surfaces. It also resists becoming brittle from weather and age. Perfect for color retentive washes and ideal as intermixable color tints. Film is able to withstand temperatures ranging from -22°F (-30°C) to 158°F (70°C).

**SURFACE PREPARATION:** Standard procedures and practices which are normally followed in the painting profession should be used to clean and prepare the surfaces before painting begins. All surfaces must be clean, dry, and free of dust, dirt, grease, rust, loose paint, or other foreign substances. Remove all loose, flaking, or chalking surfaces. Fresh concrete must be cured at least 30 days prior to application.

**APPLICATION:** ColorThemes may be applied with brush, roller or spray. Do **not** apply this paint when temperature is below 40°F (5°C) or above 90°F (32°C), and humidity is above 80%. Stir thoroughly before use. Do not apply if surface, container or air temperature is below **40°F (5°C)**.

**TINTING:** Use only Mann Brothers ColorThemes colorants. The product can also be tinted by intermixing ColorThemes Flat 4908 series colors.

**DRY TIME:** Air dry at 70°F (21°C) & 50% r.h., dry to touch: 30 min; dry to recoat: 1 hour.

**DENSITY:** 11.2 lb per gallon on white color, varies depending on colors

**NON-VOLATILE(Wt %):** 60.0 for white color

**NON-VOLATILE(Vol %):** 45.7 for white color

**VISCOSITY:** 85 – 100 KU

**DRYING TIME:** It may be recoated in about 2 hour under normal atmosphere and application conditions.

Overnight dry is recommended before use. Drying time also depends on surface temperature and relative humidity.

**THINNING:** Thin with water if needed. Over-thinning may result in loss of hide.  
For maximum durability and color retention use product as supplied.

**COVERAGE:** 300-400 sq. ft. per gallon. Actual coverage may vary depending surface conditions and application technique.

**CLEAN UP:** Flush material, hose and equipment with warm, soapy water. Observe all applicable regulation

**V.O.C.:** Less than 50 grams per liter.

**ENVIRONMENTAL:** Consult with regulatory and governmental agencies for allowable usage conditions and disposal methods.

**MANN BROTHERS** PREMIUM PAINTS & FINISHING PRODUCTS  
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**CAUTION :** Do not take internally. Avoid contact with eyes, prolonged contact with skin or breathing of spray mists. Use with adequate ventilation. Clean hand and contaminated skins after use.

**STORAGE:** Store paint in shaded or sheltered area and do not store under direct sunlight for long periods of time. Storage temperature should not fall below 39°F (4°C) and no higher than 100°F (38°C).

**NOTICE:** Purchaser is responsible for legal disposal of containers. Close container after each use. Do not take internally. **Keep out of reach of children. Keep from freezing.**

**Reference Projects:** Harry Potter and Main Themes at Universal Studio in Orlando, FL and Los Angeles, CA. All projects at Disneyland in Orlando FL, Anaheim CA, Hong Kong, and Shanghai. Busch Gardens in Tampa Florida.