

## CONCEPTS 100% Acrylic Paint-Flat Finish CS 170-Exterior Use

100% acrylic emulsion flat finish with exceptional weather-resistant properties. Dries to a breathable coating that resists blistering. Recommended for masonry surfaces such as plaster, concrete, stucco, and brick, as well as for wood. Ideal for seaside exposure on concrete buildings. Concepts CS 170 is a certified cool paint, featuring high solar reflectance value (SR) high infrared emittance ( $\epsilon$ ) and high reflectance index value (SRI).



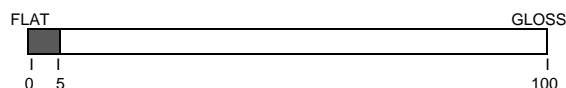
### Performance Features

- Certified cool paint
- Flat finish with good durability.
- Breathable, blister – resistance coating.
- Easy application and clean up, quick recoat.

**Colors:** White and over 3.500 tinted colors are available.

**Toxicity:** Formulated without lead or mercury

**Gloss Level:** 0-5 at 60 degree viewing angle.



### Performance Guide:

#### Weather Resistance

Good resistance to weather, to chalking and dirt pick-up.

#### Environmental Resistance

Provides good resistance to concrete carbonation. 170 CONCEPTS 100% Acrylic Flat Finish has R (CO<sub>2</sub>) > 50m when properly applied.

#### Heat Resistance

Softens above 65° C.

#### COOL PAINT EVALUATION

##### Solar Reflectance (SR):

0,810 (ASTM E 903)

##### Infrared Emittance ( $\epsilon$ ):

0,875 (ASTM E 408)

Above measurements are verified by the Centre of Renewable Energy Sources and Saving (C.R.E.S.) Certifying that Concepts CS 170 100% Acrylic Paint-Flat Finish is in category Cool Paint



#### Water Resistance

Resists rain and condensation.

#### Abrasion Resistance

Good resistance to abrasion.

#### Solvent Resistance

Good resistance to white spirits. Sensitive to aromatic hydrocarbons and alcohols

#### Solar Reflectance Index (SRI):

100 (ASTM E 1980)



**VOC (Volatile Organic Compounds):** EU Limit value for this product category A/c type WB: Exterior walls of mineral substrate, 40g/l (2010). This product contains max 29g/l VOC

Spreading Rate	Volume Solids	Wet Film Thickness	Dry Film Thickness
10-11 m <sup>2</sup> /L	44%	100 micrometres	44 micrometres
Dry Time at 20°C	Flexibility	Thinning	For Application By
1 hour to touch 2 - 4 hours to recoat	Passes 6 mm mandrel	5% water	Brush, Roller, Spray

#### Surface Preparation

Surface to be painted must be free of all loose material such as flaking and peeling paint, dust, concrete salts and heavy chalk. The surface must be clean with all traces of grease, oil, and dirt removed. Remove loose material by scraping and sanding. Sand glossy surfaces to a dull finish. Dry sanding, flame cutting and /or welding of the dry paint film will give rise to dust fumes. Wet sanding/flattening should be used wherever possible. • Ensure good ventilation during application and drying. Use suitable respiratory protective equipment. Apply two coats of CS 170 CONCEPTS 100% Acrylic Paint after priming as outlined below.

**New Concrete and Plaster:** Prime with CS 182 WALL PLUS Solventborne, Waterproofing Stabilizing Primer or CS 181 WALL PLUS Waterborne, Alkali-Resistant Primer, thinned according to label directions.

**Unpainted and Weathered Concrete, Brick:** Prime with one coat of CS 192 WALL PLUS Waterborne Micronized Stabilizing Eco Primer or CS 182 WALL PLUS Solventborne, Waterproofing Stabilizing Primer, thinned according to label directions.

**Previously Painted Surfaces:** Prime with CS 182 WALL PLUS Solventborne, Waterproofing Stabilizing Primer or CS 181 WALL PLUS Waterborne, Alkali-Resistant Primer.

**Unpainted Wood:** Prime with CS 023 THE PERFECT PRIMER All-Purpose Eco Primer or CS 570 THE PERFECT PRIMER Alkyd Multi-primer & sealer.

#### Application

Stir paint thoroughly before use. Apply by roller, brush, or spray. Thin 5% with clean water. Do not apply at temperatures below 10°C. Drying times are longer under cool/moist conditions.

**Clean Up:** Clean equipment in warm, soapy water after painting. Do not empty into drains or watercourses. Dispose of empty container responsibly and according to local legislation

#### Precautions Health, Safety and Environmental Protection:

- If medical advice is needed, have product container or label at hand
  - Keep out of reach of children
  - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
  - Contains 1,2-benzisothiazol-3(2H)-one and reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
  - Do not get in eyes, on skin, or on clothing
  - Avoid release to the environment Dispose of contents and container to appropriate waste site or recycled in accordance with local and national regulation
  - Keep container tightly closed.
  - Call a POISON CENTER, doctor if you feel unwell.
  - Safety data sheet available on request.
- TEL. POISON CENTER GR: 210 7793777

#### Packaging and Storage

**Sizes :** 1litre, 3litres, 10litres

**Flash Point:** none

**Storage:** not hazardous, no special requirements

Colorstyle PAINT



For Advising – Technical Services call: 2106620713-5