

# HOUSESHIELD Waterproof Coating Low Luster CS 055

A high build, flexible, 100% acrylic waterproof coating that gives a low lustre finish to new and previously painted concrete, masonry and brick walls, and accompanying wood and metal trim. When applied according to directions, it provides a weather and temperature resistant coating that is flexible enough to bridge minor surface cracks as they develop, which helps maintain the waterproof nature of the coating. CS 055 House Shield is a certified cool paint, featuring high solar reflectance value (SR) high infrared emittance ( $\epsilon$ ) and high reflectance index value (SRI).



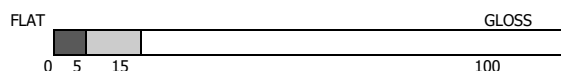
## Performance Features

- Certified cool paint
- Thick, elastic coating bridges minor cracks as they develop.
- Helps waterproof concrete buildings against wind-driven rain.
- Formulated to resist dirt pickup.
- Tintable.

**Colors:** White and over 3,500 tinted colors are available.

**Toxicity:** Formulated without lead or mercury

**Gloss Level:** 5 - 15 at 60° viewing angle.



## Performance Guide:

### Weather Resistance

Excellent resistance to weather.

### Tensile Strength at 25°C

1.5 N/mm<sup>2</sup> (ASTM D412)

### Elongation at 25° C

380% (ASTM D412)

### Environmental Resistance

Good resistance to concrete carbonation

### Heat Resistance

Suitable resistance to usual exposed surface temperatures

### Water Resistance

Excellent resistance to rain and condensation.

### Abrasion Resistance

Fair resistance to abrasion.

### Solvent Resistance

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

## COOL PAINT EVALUATION

### Solar Reflectance (SR):

0,830 (ASTM E 903)

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

0,870 (ASTM E 408)

## Solar Reflectance Index (SRI):

103 (ASTM E 1980)



Above measurements are verified by the Centre of Renewable Energy Sources and Saving (C.R.E.S.) Certifying that CS 055 Houseshield Waterproof Coating Low Luster is in category Cool Paint



**VOC (Volatile Organic Compounds): CS055 HOUSESHIELD Waterproof Coating Low Luster:** belongs to the category A/c WB (exterior walls of mineral substrate) . EU Limit: 40g/l (2010). This product contains max 19g/l VOC.

Spreading Rate	Volume Solids	Wet Film Thickness	Dry Film Thickness
7-9 m <sup>2</sup> /L per coat	55%	125 micrometres	69 micrometres
Dry Time at 20°C	Flexibility	Thinning	For Application By
4 hours to touch 24 hours to recoat	Passes 6 mm mandrel	Do not thin	Brush, Roller , Spray

## Surface Preparation

Surface to be painted must be free of all loose material such as flaking and peeling paint, dust, dirt, concrete salts and heavy chalk. The surface must be clean with all traces of grease, oil, form oils and mildew 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. Fill cracks with an appropriate putty. Prime according to substrate type and apply two coats of CS 055 HOUSESHIELD Waterproof Coating, as outlined below. **New Concrete, Masonry and Brick:** Prime with one coat of CS 182 WALL PLUS Solventborne, Waterproofing Stabilising Primer thinned 20% with white spirits or CS 192 WALL PLUS Waterborne Micronized Stabilizing Eco Primer. Apply two coats of CS 055 HOUSESHIELD Waterproof Coating let dry overnight and repeat application. Coverage for each coat must be 7 - 9 m<sup>2</sup> per litre. **Wood Trim:** Prime with CS 570 THE PERFECT PRIMER, Alkyd Multi Primer & Sealer. Finish with two coats of CS 055 HOUSESHIELD Waterproof Coating. **Metal Trim:** Following label directions, prime ferrous metal with CS 568 THE PERFECT PRIMER, Alkyd Rust Primer, prime galvanized-iron with CS 023 THE PERFECT PRIMER, All-purpose eco Primer, and prime aluminum with CS 568 THE PERFECT PRIMER, Alkyd Rust Primer. Finish with two coats of CS 055 HOUSESHIELD Waterproof Coating. **Previously Painted Surfaces:** Spot-prime any unpainted areas with CS 182 WALL PLUS Solventborne, Waterproofing Stabilising Primer, then apply an overall coat of Stabilising Primer according to label directions. Finish with two coats of CS 055 HOUSESHIELD Waterproof Coating.

## Application

Stir paint thoroughly before use. Apply by roller, brush, or airless spray. Do not thin. Do not apply at temperatures below 10°C. Drying times are longer under cool/moist conditions. Owing to the necessary film thickness of this product, the coating remains sensitive to rain and moisture condensation longer than conventional emulsion coatings. Do not apply when rain or damp weather is anticipated during the drying time of the combined applications.

**Clean Up:** Clean equipment in warm, soapy water promptly after painting.

## 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



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**Packaging and Storage**

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

**Flash Point:** none

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

 **Colorstyle** PAINT

 **Benjamin Moore** Paints



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