



BOYSEN® COOL SHADES™

HEAT REFLECTING ROOF PAINT



For technical reasons connected with color reproduction and paint manufacturing, the colors shown may not match the exact paint color

BOYSEN® COOL SHADES™

A water-based, low-VOC paint designed with highly engineered infrared-reflecting (IR) pigments making it possible to create elegant shades of roof coating while reducing heat build-up on painted surfaces. Its 100 % acrylic binder provides excellent dirt pick-up resistance and preserves heat-reflective properties over time.

Compared to conventional roof coatings, a paint film containing IR pigments like BOYSEN Cool Shades will stay cooler because it repels infrared light before it can turn into heat.

Because the ability of the IR pigments to reflect infrared light is affected by how long the paint film stays clean, BOYSEN Cool Shades is also formulated to be dirt pick-up resistant with its all-acrylic technology, which also makes the paint film extremely durable.

Ideally used with BOYSEN Primeguard White B-4301 as primer for new galvanized iron sheets, aluminum, or stainless steel.

PAINTING SCHEDULE

New Painting

Primer:

BOYSEN® Primeguard™ B-4301 White

Topcoat:

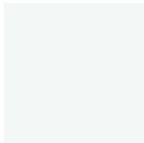
BOYSEN® Cool Shades™ (2 coats)

Repainting

Apply primer if bare substrate becomes exposed during surface preparation. Finish with at least 2 coats of BOYSEN® Cool Shades™ (in any desired color) over existing paint that is in good condition.

AVAILABLE COLORS

Temperature reduction varies from color to color. For optimum cooling effect, use water based white metal primer.



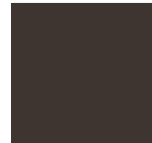
B-8500
REFLECTING WHITE



B-8501
SHADY GRAY



B-8547
POLARIZE BLUE



B-8580
ZEN BROWN



B-8520
RADIANT BEIGE



B-8550
SPRING GREEN



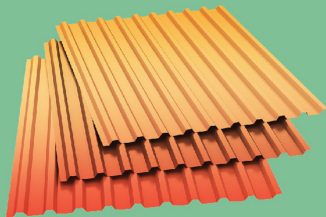
B-8573
VIBRANT TERRA COTTA

*For technical reasons connected with color reproduction and paint manufacturing, colors may not exactly match the paint color.

For technical reasons connected with color reproduction and paint manufacturing, the colors shown may not match the exact paint color

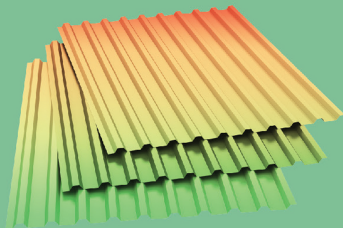
TOTAL SOLAR REFLECTANCE

(The higher the percentage, the better)



WITH NON-REFLECTIVE COATING

53% of Total Solar Reflectance



WITH COOL SHADES

67% of Total Solar Reflectance

HOW IT WORKS

Cool Shades™ is designed with highly engineered infrared-reflecting (IR) pigments making it possible to create elegant shades of roof coating while reducing heat build-up on painted surfaces. A paint film containing infrared-reflecting pigments will stay cooler than one containing non-reflective pigments of the same color. The ability of a colored object to reflect infrared light can be quantified through Total Solar Reflectance (TSR).

TECHNICAL DATA

Vehicle Type:

Acrylic

Finish:

Gloss

Dry Time:

Touch dries in 1 hour. Recoat in 2 hours.

*Measured at 25°C and 50% relative humidity

Practical Coverage:

30-35 sq.m. per 4-Liters

*Depending on surface texture and porosity

Tinting:

All colors should be factory-mixed

Thinning Solvent:

Use as supplied. If necessary, thin with not more than 1/2 Liter of clean water per 4-Liter can

Clean-up Solvent:

Water

Packaging:

4-Liters

Application:

By brush, roller, or airless spray.

For technical reasons connected with color reproduction and paint manufacturing, the colors shown may not match the exact paint color

SURFACE PREPARATION

Wipe the surface with a rag soaked in paint thinner to remove grease, oil, wax and other foreign matter. For new galvanized surfaces, etch the surface by applying 10% BOYSEN Metal Etching Solution B-71 (Dilute 1 part of B-71 to 9 parts water). Rinse with water and dry immediately.

Unpainted galvanized surfaces that have been exposed for 6 months or more need not to be etched.

For recoating pre-painted galvanized surfaces in good condition, sand lightly then wipe the surface with a clean rag before applying paint. Remove all loose paint film to sound surface. Spot prime bare substrate.

For corroded galvanized surfaces, remove rust by wire brushing and use BOYSEN Metal Etching Solution B-71.

Let it stay for 10-15 minutes. Be sure to remove all remaining residue. Immediately prime after drying.

For unglazed roof tiles, clean surfaces to be painted to remove dirt, dust, grease, oil, and other contaminants.



PACIFIC PAINT (BOYSEN) PHILIPPINES, INC.

292 D. Tuazon Street, 1115 Quezon City, Philippines

Hotline: 8364-9999

Tel. Nos. 8364-3505 to 09; 8365-0561 to 64

Fax Nos. 8367-8881; 8361-7164

inquiry@boysen.com.ph

www.boysen.com.ph

THE
COLOR
LIBRARY

SP 241-242 2nd Level, IKEA Retail Integration
South Parking Building, SM Mall of Asia, Pasay City 1300



Boysen Paints Philippines



@BoysenPaints



BoysenPaintsPhil



Blog: myboysen.com



studioboysen.com



Boysen App

Boysen®, Boysen® Eagle Symbol, and Cool Shades™ are all registered trademarks of Pacific Paint (BOYSEN) Philippines, Inc.

For technical reasons connected with color reproduction and paint manufacturing, the colors shown may not match the exact paint color