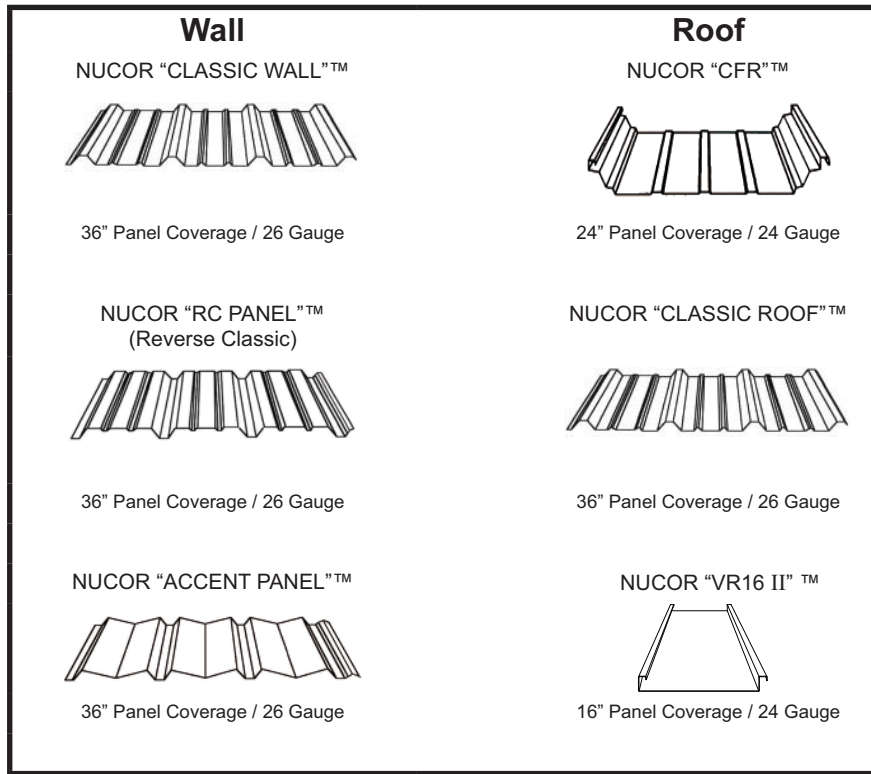


NUCOR PVDF PANEL PAINT SYSTEMS



Colors are representative of colors offered and are **NOT** intended for matching purposes. Exact color match should be made from metal color chip samples.

Solar Reflectance (R) is the fraction of the total solar energy that is reflected away from a surface. To be considered "cool", products must have a Solar Reflectance of at least .25.

Thermal Emittance (IE) is the relative ability of the roof panel to radiate absorbed heat.

Solar Reflectance Index (SRI) is calculated by using the values of solar reflectance, thermal emittance, and a medium wind coefficient. The higher the SRI value, the lower its surface temperature and consequently, the heat gain into the building.

Galvalume® Gutters, Rake, and Downspouts are available as an upcharge. Galvalume® ratings are .680 Solar Reflectance (R), .10 Thermal Emittance (E), and 56 Solar Reflectance Index (SRI). Base Angle Flash is available in Burnished Slate and Polar White only.

All Standard PVDF colors shown on this chart feature a 30 year finish warranty. Galvalume® panels feature a 25 year finish warranty. See Warranty Guide for specific warranty information.

Warranties apply only to the finish coat of exterior mounted panels. Backer side primer colors may vary.

The term "TBK" on the Nucor Order Document refers to "To Be Selected from Standard Nucor PVDF Colors" as shown on this chart.

In keeping with a continuing program of product improvement, all information contained herein is subject to change without notice.

* Galvalume® is a registered trademark of BIEC International, Inc.



www.nucorbuildingsystems.com



DARK BRONZE (DB)

.29 Reflectance (R)
.85 Initial Emittance (IE)
29 Solar Reflectance Index (SRI);

CYPRESS GREEN (CY)

.30 Reflectance (R)
.87 Initial Emittance (IE)
31 Solar Reflectance Index (SRI);

ROYAL BLUE (RO)

.30 Reflectance (R)
.86 Initial Emittance (IE)
30 Solar Reflectance Index (SRI);

TERRA COTTA (TC)

.35 Reflectance (R)
.85 Initial Emittance (IE)
36 Solar Reflectance Index (SRI);

SURREY BEIGE (SU)

.51 Reflectance (R)
.86 Initial Emittance (IE)
58 Solar Reflectance Index (SRI);

MEDIUM GRAY (MG)

.37 Reflectance (R)
.87 Initial Emittance (IE)
40 Solar Reflectance Index (SRI);

WARM WHITE (WW)

.59 Reflectance (R)
.88 Initial Emittance (IE)
70 Solar Reflectance Index (SRI);

REGAL WHITE (RW)

.72 Reflectance (R)
.86 Initial Emittance (IE)
87 Solar Reflectance Index (SRI);

NUCOR PVDF Product Availability

30 Year Finish Warranty for Standard Nucor PVDF Colors.

	Dark Bronze	Cypress Green	Royal Blue	Terra Cotta	Surrey Beige	Medium Gray	Warm White	Regal White	Galvalume®
Nucor "Classic Wall"™	●	●	●	●	●	●	●	●	●
Nucor "Reverse Classic"™	●	●	●	●	●	●	●	●	●
Nucor "Accent Panel"™	●	●	●	●	●	●	●	●	●
Nucor "CFR"™	□	□	□	□	□	□	□	□	●
Nucor "Classic Roof"™	●	●	●	●	●	●	●	●	●
Nucor "VR16 II"™	●	●	●	●	●	●	●	●	●

●	Available
□	Available upon request for an additional charge

TEST	ASTM Test	PERFORMANCE
Mortar Resistance	C-267	No Effect
Acid Pollutants	D-1308	
	10% Muriatic Acid, (15 min.)	No effect
	20% Muriatic Acid, (15 min.)	No effect
	AAMA 621 / AAMA 605	<5 units color change
Acid Rain Test	Kesternich	15 cycles minimum, no objectional color change
Alkali Resistance, 5% @ (72 hrs.)	20% Sodium Hydroxide (1 hr.)	No effect
Salt Spray Resistance 5% @ 95°F	B-117	Passes 1,000 hrs.
Humidity Resistance 100% at 100°F	D-2247	Passes 1,000 hrs.
South Florida Exposure	D-2244	Less than 5 units color change
UV Exposure	D-4587	Passes 3,000 hrs.
Chalk Resistance	D-4214	Rating of 8 min.
Weatherometer	D-6695	

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Fax: 260-837-7384

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Fax: 717-735-7769

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Fax: 803-568-2121

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