Pigment Dispersions for Water-based Coatings

Color Solutions

Eclipse® CCW Cool Color Dispersions

Eclipse CCW Cool Color Dispersions are high performance infrared reflective (IRR) pigment dispersions engineered to reduce heat absorption, improve material longevity and contribute to energy efficient coating solutions. This technology is designed for a wide range of architectural, industrial, building, infrastructure and specialty applications.

These dispersions deliver excellent color consistency and durable performance while supporting modern sustainability objectives through reduced thermal stress and enhanced passive cooling.

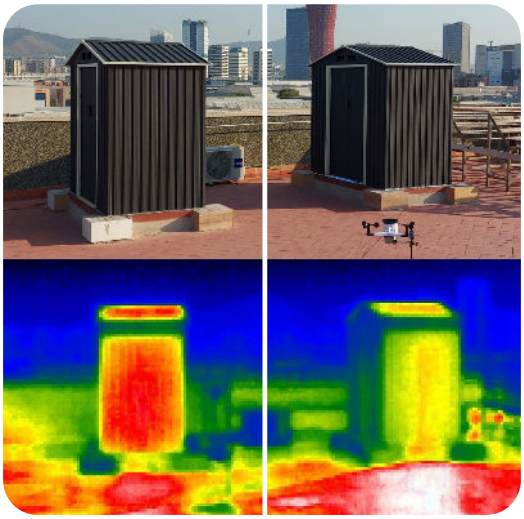
Key benefits

- **Significant energy savings** driven by IRR performance
- **Improved durability and longevity** of coated substrates through reduced thermal load
- **Highly machine dispensable** for efficient, scalable production workflows
- **Broad color gamut** available across multiple masstones and pigment chemistries
- Suitable for **cool roof and cool wall applications**, supporting energy efficient building material

Properties

Eclipse CCW dispersions offer:

- Strong IR reflectivity across multiple pigment families
- Stable, no settle formulations for easier handling and storage
- Color options spanning black, blue, green, red, brown, yellow and white



House A
RAL 9004 Std

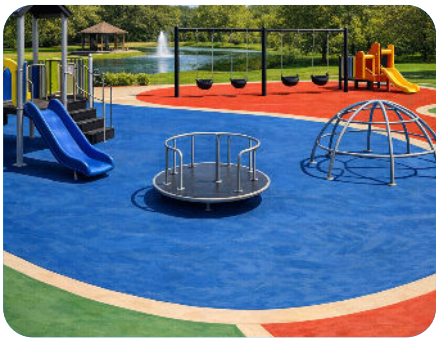
House B
RAL 9004 Cool

Rev. 04/2026

Applications

Eclipse CCW dispersions are designed for use across a wide range of coatings and materials, including:

- Cool walls
- Cool roofs
- Camouflage
- Automotive parts
- Aerospace
- Cement-based and mineral aggregates
- Flooring



Compatibility

Eclipse CCW dispersions are compatible with water-based coating systems requiring IRR performance and can be incorporated across multiple binder chemistries depending on specific application needs. They are optimized for machine dispensability and can be used in tinting systems across architectural and industrial environments.

Shelf life

- Two years in unopened containers
- No settle stability, supporting extended storage without performance loss

Eclipse CCW stock items

Color index	Product name (per region)	IRR reflectance	Description
PW6	CCW-0001	High	Titanium White
PR101	CCW-1001	Moderate	Yellow Shade Red Oxide
PBR24	CCW-1700	High	Autumn Gold
PY53	CCW-2600	High	Medium Yellow
PY184	CCW-2801	High	Bismuth Vanadate
PG26	CCW-5241	Moderate	Camo Green
PY164	CCW-4200	High	Chestnut Brown
PG50	CCW-5500	Moderate	Kelly Green
PB28	CCW-7400	Moderate	Cobalt Blue
PBr29	CCW-9900	High	Iron Chrome Black
PBk32	CCW-9910	Transparent	Perylene Black
PG17	CCW-9935	High	Iron Chrome Black

Make to order products

Color index	Product name (per region)	IRR reflectance	Description
PR101	CCW-1020	Moderate	Blue Shade Red Oxide
PG17	CCW-5560	Moderate	Oxide Green
PB29	CCW-7060	Moderate	Ultramarine Blue
PB36	CCW-7500	Moderate	Cobalt Blue Green
PG50	CCW-7700	Moderate	Turquoise Blue

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