

Superior Cladding Solutions

For Sustainable Buildings and a Healthy Living Environment

CERACLAD Triple Coating Technology

Factory Finish Color Coating | 20-year Fade limited Warranty | 365 Days of Self-cleaning

Four Important Benefits of The CERACLAD System

2. GREEN MATERIAL

Thermal Barrier

Insulation
OSB/Plywood sheathing
Water-resistant breathable building paper

Recycled Materials

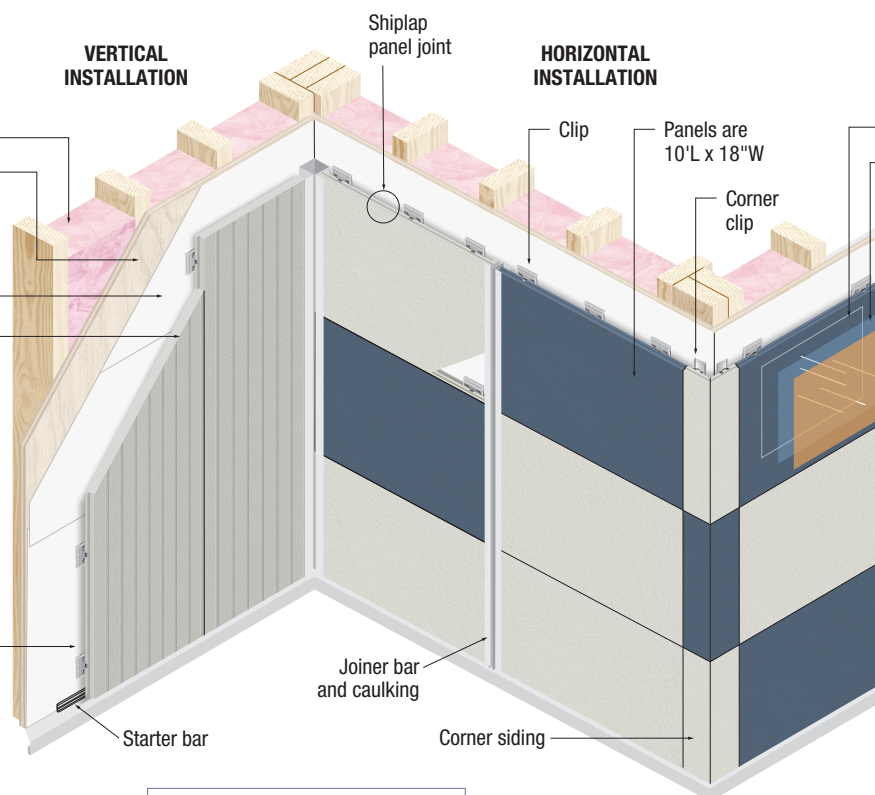
Moisture Management

Rainscreen ventilation layer



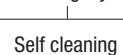
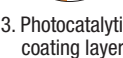
VERTICAL INSTALLATION

HORIZONTAL INSTALLATION



1. CERACLAD TRIPLE COATING TECHNOLOGY

1. Colored layer
2. Ceramic coating layer
No color fading
3. Photocatalytic coating layer



4. COST EFFECTIVE

- Easy installation
- Low maintenance
- No color fading
- Energy efficient

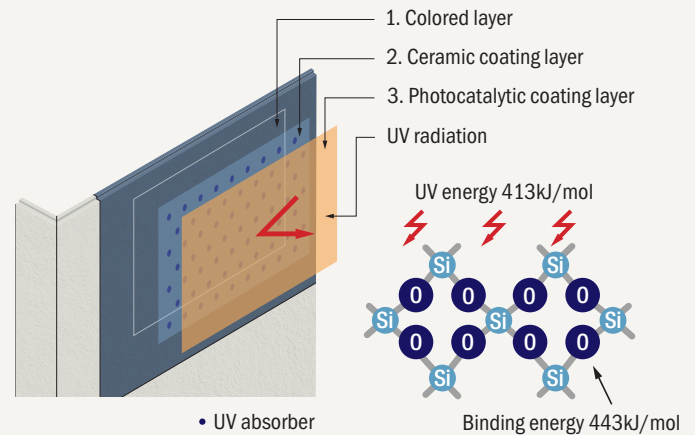
3. RICH DESIGN OPTIONS

- Factory finished
- Hundreds of possible color/texture combinations
- CREATIV™ custom color program

Triple Coating Technology

1. **COLOR LAYER** - Factory finish
2. **CERAMIC COATING** - No color fading
3. **PHOTOCATALYTIC COATING LAYER** - Self-cleaning, air purifying, anti-virus and anti-bacterial triple coating

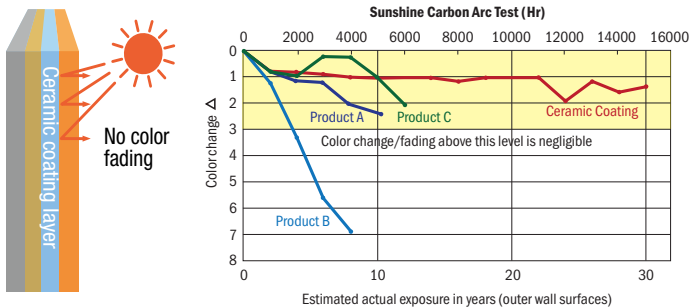
The main skeleton of the **CERACLAD** panel is 100% inorganic so bonding is stronger than the ultraviolet energy and there is almost no deterioration.



Ceramic Coating

CERACLAD's inorganic ceramic coating has excellent UV blocking properties to protect the color layer from ultraviolet rays and minimize fading of the outer wall. Maintenance costs are reduced by virtually eliminating the need for repainting. This technology is exclusive to CERACLAD.

20-year Fade Limited Warranty



The red line in the graph represents the performance of CERACLAD. There was almost no color change on the CERACLAD panels.

CERACLAD ceramic coated panels are available in proprietary colors and come with a 20-year color guarantee.

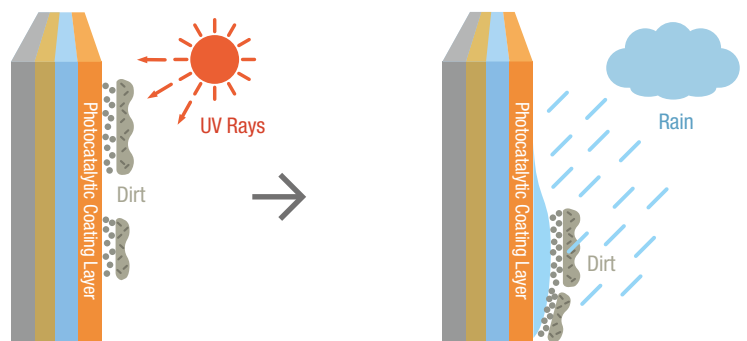
Photocatalytic Coating

Naturally Self-Cleaning - Sunshine Decomposes Dirt, Rain Washes it Away

Self-Cleaning 365 days a year

CERACLAD's photocatalytic coating is energized by the presence of light and transforms the coated surface to create a 'self-cleaning' functionality. Dirt is decomposed by the sun (UV Rays), and weakening adhesion to the surface and the super-hydrophilic property helps rainwater to wash it away.

Decomposition power + Super hydrophilic property



Air Purifying

The photocatalytic coating decomposes car exhaust and other pollutants in the air (NOx and SOx) and turns them into NO³ harmless polyatomic ions, leaving the air cleaner.

Plants purify pollutants such as NOx (nitrogen oxides) contained in car exhaust. The poplar tree is one of the plants that absorbs the most NOx.

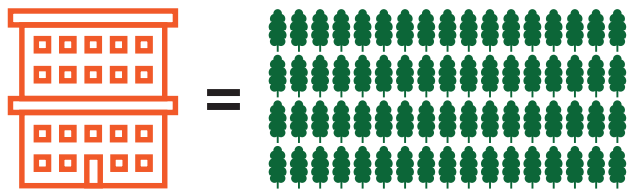
Plant NO2 Absorption

Absorption	~ 3.0	3.0 ~ 2.5	2.5 ~ 2.0	2.0 ~ 1.5	1.5 ~ 1.0	1.0 ~
Deciduous tree	Poplar	Cherry	Birch	Oak	Chestnut	Azalea
	Paulownia	Persimmon	Ginko	Plum	-	-
Evergreen	-	Eucalyptus	Bayberry	Tea	Camphor	Camellia

Japan National Institute for Environmental Studies

Photocatalytic coated exterior surface of a 10,000 sq ft building

68 Poplar trees



The air purification capability of photocatalytic coating is appx. 0.44g/day/sq.ft. (0.04g/day/m²), which is 68 poplar trees per 10,000 sq.ft.

Ceraclad Can Increase The ROI On Your Projects By:

- Lowering construction cost
- Significantly reducing maintenance cost
- Extending the life expectancy of the building envelope
- Creating market differentiation for sustainability value



Green Material

Recycled Materials

Consisting of approximately 45% recycled material, the panels are 100% recyclable, factory finished with no VOC, and contain no asbestos.



LIVING FUTURE
CORPORATE MEMBER

Rainscreen Moisture Management

Our exclusive technology combines a durable weather-resistant exterior with an internal ventilation layer that allows moisture to escape.



Benefits Of Ceraclad

Ceraclad Triple Coating Technology

- Factory finish color coating + Ceramic coating + Photocatalytic coating - Long-lasting quality and beauty, and Self-Cleaning 365 days a year

Green Materials

- Recycled material + Thermal barrier + Rainscreen moisture management

Design Options

- Hundreds of possible color and texture combinations

Cost-Effective

- Easy installation + Low maintenance + Energy efficient

Technical Support

- From design through construction, we provide all the support you need

Rich Design Options

CERACLAD siding panels also come in a wide range of rich textures and colors and provide you hundreds of possible combinations. And our exclusive **CREATIV™** custom color program allows you to order your components in colors that will match your exact specifications.

Our **CREATIV™** custom color program offers:

- Unlimited color choices
- Two factory applied finish coats
- Available in our most popular four textures:
 - Contemporary Smooth
 - Velour
 - 8 Reveal
 - Zen Garden



Please visit ceraclad.com to see the latest textures and colors.



Educational



Commercial



Hospitality



Multi-family Residential