



# Premium Architectural Window Films



**Ceramic Dual Reflective**

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## Ceramic Dual Reflective

### Description

Global Ceramic Dual Reflective is manufactured using the highest quality raw materials and state-of-the-art nano ceramic technology. This produces a window film with superior solar energy rejection performance, durability and beauty. What sets CDR apart from traditional architectural window films is that it is engineered for low inside reflectivity at night and all are approved for dual-pane installations.

### Snapshot

Name	Ceramic Dual Reflective
Category	Architectural
Series	Dual Reflective
VLT Options - 5	45, 35, 25, 15, 05
Ply	2 Ply
Thickness	2.0 Mil
Metal	Vapor Deposition
Color	Dye Free
Polyester	Weatherable
Liner	Polypropylene
Adhesive	Dry Adhesive
Scratch	Resistant Yes
Warranty	Residential Lifetime - Commercial 12 Year
Color Stable	Yes

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## Ceramic Dual Reflective

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## Ceramic Dual Reflective 45

Category	Architectural
Series	Dual Reflective
Warranty	Res-Life   Com-12 Year   Color Stable

### Construction:

Ply	2 Ply
Thickness	2 Mil
Metal	Vapor Deposition
Color	Dye Free
Adhesive	Dry Adhesive

### Solar Performance:

Visible Light Transmission	45
Total Solar Energy Rejected	51
Luminous Efficacy	0.79
Shading Coefficient	0.57
Solar Heat Gain Coefficient	0.48
Total Solar Transmittance	36
Total Solar Reflectance	14
Total Solar Absorbance	50
Visible Light Reflectance (Int)	13
Visible Light Reflectance (Ext)	15
UV Rejected	>99
Glare Reduction	51
Winter Median U-Value	0.99
Emissivity	0.83

### Film-To-Glass Approval:

Single Pane <100SF | Double Pane <40SF



## Ceramic Dual Reflective 35

Category	Architectural
Series	Dual Reflective
Warranty	Res-Life   Com-12 Year   Color Stable

### Construction:

Ply	2 Ply
Thickness	2 Mil
Metal	Vapor Deposition
Color	Dye Free
Adhesive	Dry Adhesive

### Solar Performance:

Visible Light Transmission	35
Total Solar Energy Rejected	58
Luminous Efficacy	0.73
Shading Coefficient	0.48
Solar Heat Gain Coefficient	0.41
Total Solar Transmittance	29
Total Solar Reflectance	24
Total Solar Absorbance	47
Visible Light Reflectance (Int)	14
Visible Light Reflectance (Ext)	25
UV Rejected	>99
Glare Reduction	61
Winter Median U-Value	0.98
Emissivity	0.81

### Film-To-Glass Approval:

Single Pane <100SF | Double Pane <40SF

Ceramic Dual Reflective 35

## Ceramic Dual Reflective 25

Category	Architectural
Series	Dual Reflective
Warranty	Res-Life   Com-12 Year   Color Stable

### Construction:

Ply	2 Ply
Thickness	2 Mil
Metal	Vapor Deposition
Color	Dye Free
Adhesive	Dry Adhesive

### Solar Performance:

Visible Light Transmission	23
Total Solar Energy Rejected	69
Luminous Efficacy	0.64
Shading Coefficient	0.36
Solar Heat Gain Coefficient	0.31
Total Solar Transmittance	19
Total Solar Reflectance	36
Total Solar Absorbance	45
Visible Light Reflectance (Int)	17
Visible Light Reflectance (Ext)	40
UV Rejected	>99
Glare Reduction	74
Winter Median U-Value	0.96
Emissivity	0.77

### Film-To-Glass Approval:

Single Pane <100SF | Double Pane <40SF



## Ceramic Dual Reflective 15

Category	Architectural
Series	Dual Reflective
Warranty	Res-Life   Com-12 Year   Color Stable

### Construction:

Ply	2 Ply
Thickness	2 Mil
Metal	Vapor Deposition
Color	Dye Free
Adhesive	Dry Adhesive

### Solar Performance:

Visible Light Transmission	15
Total Solar Energy Rejected	75
Luminous Efficacy	0.52
Shading Coefficient	0.29
Solar Heat Gain Coefficient	0.25
Total Solar Transmittance	13
Total Solar Reflectance	44
Total Solar Absorbance	43
Visible Light Reflectance (Int)	21
Visible Light Reflectance (Ext)	47
UV Rejected	>99
Glare Reduction	84
Winter Median U-Value	0.94
Emissivity	0.75

### Film-To-Glass Approval:

Single Pane <100SF | Double Pane <40SF

Ceramic Dual Reflective 15

## Ceramic Dual Reflective 05

Category	Architectural
Series	Dual Reflective
Warranty	Res-Life   Com-12 Year   Color Stable

### Construction:

Ply	2 Ply
Thickness	2 Mil
Metal	Vapor Deposition
Color	Dye Free
Adhesive	Dry Adhesive

### Solar Performance:

Visible Light Transmission	7
Total Solar Energy Rejected	82
Luminous Efficacy	0.35
Shading Coefficient	0.20
Solar Heat Gain Coefficient	0.18
Total Solar Transmittance	7
Total Solar Reflectance	54
Total Solar Absorbance	39
Visible Light Reflectance (Int)	14
Visible Light Reflectance (Ext)	65
UV Rejected	>99
Glare Reduction	92
Winter Median U-Value	0.92
Emissivity	0.71

### Film-To-Glass Approval:

Single Pane <100SF | Double Pane <40SF



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