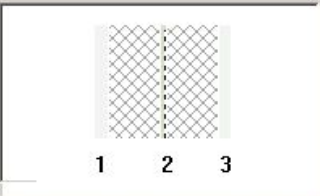


CONFIGURATION 1: COATING BETWEEN TWO PANES

ID #: 12 Name: default
 # Layers: 3 Tilt: 90 ° IG Height: 1000.00 mm
 Environmental Conditions: NFRC 100-2010 IG Width: 1000.00 mm
 Comment:
 Overall thickness: 21.400 mm Mode:

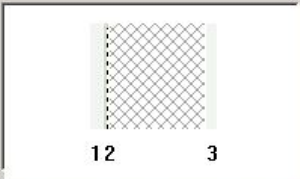


	ID	Name	Mode	Thick	Flip	Tsol	Rsol1	Rsol2	Tvis	Rvis1	Rvis2	Tir	E1	E2	Cond
▼ Glass 1	2000	Clr-2.CIG	#	2.2	<input type="checkbox"/>	0.864	0.077	0.076	0.909	0.082	0.081	0.000	0.840	0.840	1.000
Gap 1	1	Air		8.0	<input type="checkbox"/>										
▼ Glass 2	888888	Ag-AIN Double Stack SC		1.0	<input type="checkbox"/>	0.337	0.484	0.484	0.715	0.077	0.077	0.000	0.025	0.840	1.000
Gap 2	1	Air		8.0	<input type="checkbox"/>										
▼ Glass 3	2000	Clr-2.CIG	#	2.2	<input type="checkbox"/>	0.864	0.077	0.076	0.909	0.082	0.081	0.000	0.840	0.840	1.000

Coating	Ag/AIN Single Stack (81/42)	Ag/AIN Double Stack (71.5/60)
Change in Tvis (vs. Coating, no IG unit)	-12.6%	-11.4%
Change in Tvis (vs. No Coating, Double Pane IG Unit)	-14.9%	-23.2%
Change in TSER (vs. Coating, no IG Unit)	+7%	+1.2%
Change in TSER (vs. No Coating, Double Pane IG Unit)	+28.3%	+40.5%
U-Factor (W/m2/K)	1.528	
U-Factor (btu/h/ft2/°F)	0.269	
Angular Dependency	Constant until 40°	Constant until 50°

CONFIGURATION 2: COATING ON INSIDE OF OUTER PANE

ID #: 12 Name: default
 # Layers: 3 Tilt: 90 ° IG Height: 1000.0 mm
 Environmental Conditions: NFRC 100-2010 IG Width: 1000.0 mm
 Comment:
 Overall thickness: 21.400 mm Mode: ?

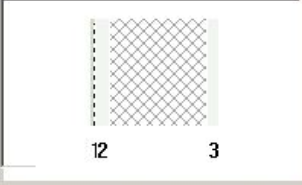


	ID	Name	Mode	Thick	Flip	Tsol	Rsol1	Rsol2	Tvis	Rvis1	Rvis2	Tir	E1	E2	Cond	Com	
▼	Glass 1	2000	Clr-2.CIG	#	2.2	<input type="checkbox"/>	0.864	0.077	0.076	0.909	0.082	0.081	0.000	0.840	0.840	1.000	
	Gap 1	1	Air		0.0	<input type="checkbox"/>											
▼	Glass 2	888888	Ag-AIN Double Stack SC		1.0	<input type="checkbox"/>	0.337	0.484	0.484	0.715	0.077	0.077	0.000	0.025	0.840	1.000	
	Gap 2	1	Air		16.0	<input type="checkbox"/>											
▼	Glass 3	2000	Clr-2.CIG	#	2.2	<input type="checkbox"/>	0.864	0.077	0.076	0.909	0.082	0.081	0.000	0.840	0.840	1.000	

Coating	Ag/AIN Single Stack (81/42)	Ag/AIN Double Stack (71.5/60)
Change in Tvis (vs. Coating, no IG Unit)	-12.6%	-11.4%
Change in Tvis (vs. No Coating, Double Pane IG Unit)	-14.9%	-23.2%
Change in TSER (vs. Coating(no IG unit)/vs. No Coating Double Pane(in IG unit))	+9.9%	+7.8%
Change in TSER (vs. No Coating, Double Pane IG Unit)	+31.2%	+47.1%
U-Factor (W/m2/K)	2.744	
U-Factor (btu/h/ft2/°F)	0.483	
Angular Dependency	Constant until 40°	Constant until 50°

CONFIGURATION 3: COATING ON OUTSIDE OF OUTER PANE

ID #: 12 Name: default
 # Layers: 3 Tilt: 90 ° IG Height: 1000.0 mm
 Environmental Conditions: NFRC 100-2010 IG Width: 1000.0 mm
 Comment:
 Overall thickness: 21.400 mm Mode:

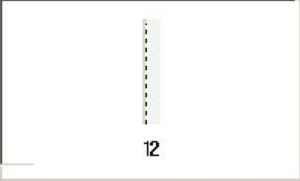


	ID	Name	Mode	Thick	Flip	Tsol	Rsol1	Rsol2	Tvis	Rvis1	Rvis2	Tir	E1	E2	Cond	Com
▼	Glass 1 ▶▶888888	Ag-AIN Double Stack SC		1.0	<input type="checkbox"/>	0.337	0.484	0.484	0.715	0.077	0.077	0.000	0.025	0.840	1.000	
	Gap 1 ▶▶	1 Air		0.0	<input type="checkbox"/>											
▼	Glass 2 ▶▶	2000 Clr-2.CIG	#	2.2	<input type="checkbox"/>	0.864	0.077	0.076	0.909	0.082	0.081	0.000	0.840	0.840	1.000	
	Gap 2 ▶▶	1 Air		16.0	<input type="checkbox"/>											
▼	Glass 3 ▶▶	2000 Clr-2.CIG	#	2.2	<input type="checkbox"/>	0.864	0.077	0.076	0.909	0.082	0.081	0.000	0.840	0.840	1.000	

Coating	Ag/AIN Single Stack (81/42)	Ag/AIN Double Stack (71.5/60)
Change in Tvis (vs. Coating, no IG Unit)	-12.5%	-11.2%
Change in Tvis (vs. No Coating, Double Pane IG Unit)	-14.8%	-22%
Change in TSER (vs. Coating, no IG Unit)	+10.2%	+8%
Change in TSER (vs. No Coating, Double Pane IG Unit)	+31.5%	+47.3%
U-Factor (W/m2/K)	2.712	
U-Factor (btu/h/ft2°F)	0.4776	
Angular Dependency	Constant until 40°	Constant until 40 °

CONFIGURATION 4: COATING LAMINATED ON SINGLE PANE

ID #: 12 Name: default
 # Layers: 2 Tilt: 90 ° IG Height: 1000.00 mm
 Environmental Conditions: NFRC 100-2010 IG Width: 1000.00 mm
 Comment:
 Overall thickness: 3.200 mm Mode:



	ID	Name	Mode	Thick	Flip	Tsol	Rsol1	Rsol2	Tvis	Rvis1	Rvis2	Tir	E1	E2	Cond	Comm
▼ Glass 1	888888	Ag-AIN Double Stack SC		1.0	<input type="checkbox"/>	0.337	0.484	0.484	0.715	0.077	0.077	0.000	0.025	0.840	1.000	
Gap 1	1	Air		0.0	<input type="checkbox"/>											
▼ Glass 2	2000	Clr-2.CIG	#	2.2	<input type="checkbox"/>	0.864	0.077	0.076	0.909	0.082	0.081	0.000	0.840	0.840	1.000	

Coating	Ag/AIN Single Stack (81/42)	Ag/AIN Double Stack (71.5/60)
Change in Tvis (vs. Coating, no IG Unit)	-6.8%	-6%
Change in Tvis (vs. No Coating, Double Pane IG Unit)	-9.1%	-11.8%
Change in TSER (vs. Coating, no IG Unit)	+4.8%,	+2.7%
Change in TSER (vs. No Coating, Double Pane IG Unit)	+26.1%	+42%
U-Factor (W/m2/K)	5.760	
U-Factor (btu/h/ft2/°F)	1.014	
Angular Dependency	Constant until 40°	Constant until 40°