

NFRC Product Certification Authorization Report



Manufacturer: Don Young Company **Product Series:** Series 5500 Fixed **Simulation Lab:** SATI **Initial Cert. Date:** 03/23/2005
Street: 8181 Ambassador Row **Product Type:** FIXD **Sim. Report #:** E0118.03-116-45 **Re-Certification Date:** 01/13/2015
City/State/Zip: Dallas, TX 75247 **Air Leakage:** **Sim. Report Date:** 01/06/2015 **Revised Date:** 01/06/2015
Print Date: 12/07/2018 **VR (Standard Screen):** **Test Date:** 08/19/2014 **Expiration Date:** 08/19/2018
VR (Enhanced Screen):

CPD Number: **DYC-A-16**

IA: American Architectural Manufacturers Association

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00154-00001	No Grids, 3/16" Grid, 5.5mm Grid: CLR/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2		0.500	P1-S	Fill 1: AIR (100)	N		CL	0.45	0.64	0.67	46
	00154-00002	No Grids, 3/16" Grid, 5.5mm Grid: CLR/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2		0.500	P1-S	Fill 1: AIR (100)	G	0.75	CL	0.45	0.58	0.60	46
	00155-00001	8mm Grids: CLR/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2		0.500	P1-S	Fill 1: AIR (100)	G	0.75	CL	0.46	0.58	0.60	46
	00156-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2	0.022(2)	0.500	P1-S	Fill 1: AIR (100)	N		CL	0.30	0.23	0.53	59
	00156-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2	0.022(2)	0.500	P1-S	Fill 1: AIR (100)	G	0.75	CL	0.30	0.21	0.47	59
	00157-00001	8mm Grids: E366/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2	0.022(2)	0.500	P1-S	Fill 1: AIR (100)	G	0.75	CL	0.32	0.21	0.47	59
	00158-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR (DS/DS) 3/4" IG	VY/NA	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.26	0.23	0.53	64
	00158-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR (DS/DS) 3/4" IG	VY/NA	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.26	0.21	0.47	64
	00159-00001	8mm Grids: E366/ARG90/CLR (DS/DS) 3/4" IG	VY/NA	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.21	0.47	64
	00160-00001	No Grids, 3/16" Grid, 5.5mm Grid: CLR/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2		0.500	SS-D	Fill 1: AIR (100)	N		CL	0.46	0.64	0.67	44
	00160-00002	No Grids, 3/16" Grid, 5.5mm Grid: CLR/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2		0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.46	0.58	0.60	44
	00161-00001	8mm Grids: CLR/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2		0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.47	0.58	0.60	44
	00162-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2	0.022(2)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.31	0.23	0.53	57
	00162-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2	0.022(2)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.31	0.21	0.47	57
	00163-00001	8mm Grids: E366/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2	0.022(2)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.33	0.21	0.47	57
	00164-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR (DS/DS) 3/4" IG	VY/NA	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.23	0.53	60

NFRC Product Certification Authorization Report



Manufacturer: Don Young Company **Product Series:** Series 5500 Fixed **Simulation Lab:** SATI **Initial Cert. Date:** 03/23/2005
Street: 8181 Ambassador Row **Product Type:** FIXD **Sim. Report #:** E0118.03-116-45 **Re-Certification Date:** 01/13/2015
City/State/Zip: Dallas, TX 75247 **Air Leakage:** **Sim. Report Date:** 01/06/2015 **Revised Date:** 01/06/2015
Print Date: 12/07/2018 **VR (Standard Screen):** **Test Date:** 08/19/2014 **Expiration Date:** 08/19/2018
VR (Enhanced Screen):

CPD Number: DYC-A-16														IA: American Architectural Manufacturers Association		
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00164-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR (DS/DS) 3/4" IG	VY/NA	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.21	0.47	60	
	00165-00001	8mm Grids: E366/ARG90/CLR (DS/DS) 3/4" IG	VY/NA	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.21	0.47	60	
	00166-00001	No Grids, 3/16" Grid, 5.5mm Grid: E270/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2	0.037(2)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.31	0.31	0.57	56	
	00166-00002	No Grids, 3/16" Grid, 5.5mm Grid: E270/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2	0.037(2)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.31	0.28	0.51	56	
	00167-00001	8mm Grids: E270/AIR/CLR (DS/DS) 3/4" IG	VY/NA	2	0.037(2)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.33	0.28	0.51	56	
	00168-00001	No Grids, 3/16" Grid, 5.5mm Grid: E270/ARG90/CLR (DS/DS) 3/4" IG	VY/NA	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.31	0.57	60	
	00168-00002	No Grids, 3/16" Grid, 5.5mm Grid: E270/ARG90/CLR (DS/DS) 3/4" IG	VY/NA	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.28	0.51	60	
	00169-00001	8mm Grids: E270/ARG90/CLR (DS/DS) 3/4" IG	VY/NA	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.28	0.51	60	
	00170-00001	No Grids, 3/16" Grid, 5.5mm Grid: E270/AIR/i89 (DS/DS) 3/4" IG	VY/NA	2	0.037(2),0.149(4)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.26	0.30	0.56	43	
	00170-00002	No Grids, 3/16" Grid, 5.5mm Grid: E270/AIR/i89 (DS/DS) 3/4" IG	VY/NA	2	0.037(2),0.149(4)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.27	0.50	43	
	00171-00001	8mm Grids: E270/AIR/i89 (DS/DS) 3/4" IG	VY/NA	2	0.037(2),0.149(4)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.27	0.27	0.50	43	
	00172-00001	No Grids, 3/16" Grid, 5.5mm Grid: E270/ARG90/i89 (DS/DS) 3/4" IG	VY/NA	2	0.037(2),0.149(4)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.30	0.56	47	
	00172-00002	No Grids, 3/16" Grid, 5.5mm Grid: E270/ARG90/i89 (DS/DS) 3/4" IG	VY/NA	2	0.037(2),0.149(4)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.27	0.50	47	
	00173-00001	8mm Grids: E270/ARG90/i89 (DS/DS) 3/4" IG	VY/NA	2	0.037(2),0.149(4)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.25	0.27	0.50	47	
	00174-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/i89 (DS/DS) 3/4" IG	VY/NA	2	0.022(2),0.149(4)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.26	0.23	0.52	44	
	00174-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/i89 (DS/DS) 3/4" IG	VY/NA	2	0.022(2),0.149(4)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.20	0.46	44	
	00175-00001	8mm Grids: E366/AIR/i89 (DS/DS) 3/4" IG	VY/NA	2	0.022(2),0.149(4)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.27	0.20	0.46	44	

NFRC Product Certification Authorization Report



Manufacturer: Don Young Company **Product Series:** Series 5500 Fixed **Simulation Lab:** SATI **Initial Cert. Date:** 03/23/2005
Street: 8181 Ambassador Row **Product Type:** FIXD **Sim. Report #:** E0118.03-116-45 **Re-Certification Date:** 01/13/2015
City/State/Zip: Dallas, TX 75247 **Air Leakage:** **Sim. Report Date:** 01/06/2015 **Revised Date:** 01/06/2015
Print Date: 12/07/2018 **VR (Standard Screen):** **Test Date:** 08/19/2014 **Expiration Date:** 08/19/2018
VR (Enhanced Screen):

CPD Number: DYC-A-16														IA: American Architectural Manufacturers Association		
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00176-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/i89 (DS/DS) 3/4" IG	VY/NA	2	0.022(2),0.149(4)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.22	0.52	47	
	00176-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/i89 (DS/DS) 3/4" IG	VY/NA	2	0.022(2),0.149(4)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.20	0.46	47	
	00177-00001	8mm Grids: E366/ARG90/i89 (DS/DS) 3/4" IG	VY/NA	2	0.022(2),0.149(4)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.24	0.20	0.46	47	
	00178-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR-LAMI (DS/DS 030PVB DS) 3/4" IG	VY/NA	2	0.022(2)	0.367	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.23	0.52	51	
	00178-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR-LAMI (DS/DS 030PVB DS) 3/4" IG	VY/NA	2	0.022(2)	0.367	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.21	0.47	51	
	00179-00001	8mm Grids: E366/ARG90/CLR-LAMI (DS/DS 030PVB DS) 3/4" IG	VY/NA	2	0.022(2)	0.367	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.21	0.47	51	
	00180-00001	No Grids, 3/16" Grid, 5.5mm Grid: CLR/AIR/CLR (5MM/5MM) 3/4" IG	VY/NA	2		0.375	SS-D	Fill 1: AIR (100)	N		CL	0.47	0.61	0.66	43	
	00180-00002	No Grids, 3/16" Grid, 5.5mm Grid: CLR/AIR/CLR (5MM/5MM) 3/4" IG	VY/NA	2		0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.47	0.55	0.59	43	
	00181-00001	8mm Grids: CLR/AIR/CLR (5MM/5MM) 3/4" IG	VY/NA	2		0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.50	0.55	0.59	43	
	00182-00001	No Grids, 3/16" Grid, 5.5mm Grid: E270/AIR/CLR (5MM/5MM) 3/4" IG	VY/NA	2	0.037(2)	0.375	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.31	0.56	53	
	00182-00002	No Grids, 3/16" Grid, 5.5mm Grid: E270/AIR/CLR (5MM/5MM) 3/4" IG	VY/NA	2	0.037(2)	0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.28	0.50	53	
	00183-00001	8mm Grids: E270/AIR/CLR (5MM/5MM) 3/4" IG	VY/NA	2	0.037(2)	0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.38	0.28	0.50	53	
	00184-00001	No Grids, 3/16" Grid, 5.5mm Grid: E270/ARG90/CLR (5MM/5MM) 3/4" IG	VY/NA	2	0.037(2)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.30	0.56	57	
	00184-00002	No Grids, 3/16" Grid, 5.5mm Grid: E270/ARG90/CLR (5MM/5MM) 3/4" IG	VY/NA	2	0.037(2)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.27	0.50	57	
	00185-00001	8mm Grids: E270/ARG90/CLR (5MM/5MM) 3/4" IG	VY/NA	2	0.037(2)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.33	0.27	0.50	57	
	00186-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/CLR (5MM/5MM) 3/4" IG	VY/NA	2	0.022(2)	0.375	SS-D	Fill 1: AIR (100)	N		CL	0.33	0.24	0.52	53	

NFRC Product Certification Authorization Report



Manufacturer: Don Young Company **Product Series:** Series 5500 Fixed **Simulation Lab:** SATI **Initial Cert. Date:** 03/23/2005
Street: 8181 Ambassador Row **Product Type:** FIXD **Sim. Report #:** E0118.03-116-45 **Re-Certification Date:** 01/13/2015
City/State/Zip: Dallas, TX 75247 **Air Leakage:** **Sim. Report Date:** 01/06/2015 **Revised Date:** 01/06/2015
Print Date: 12/07/2018 **VR (Standard Screen):** **Test Date:** 08/19/2014 **Expiration Date:** 08/19/2018
VR (Enhanced Screen):

CPD Number: DYC-A-16													IA: American Architectural Manufacturers Association				
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyr	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.		
	00186-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/CLR (5MM/5MM) 3/4" IG	VY/NA	2	0.022(2)	0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.33	0.21	0.47	53		
	00187-00001	8mm Grids: E366/AIR/CLR (5MM/5MM) 3/4" IG	VY/NA	2	0.022(2)	0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.37	0.21	0.47	53		
	00188-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR (5MM/5MM) 3/4" IG	VY/NA	2	0.022(2)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.23	0.52	57		
	00188-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR (5MM/5MM) 3/4" IG	VY/NA	2	0.022(2)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.21	0.47	57		
	00189-00001	8mm Grids: E366/ARG90/CLR (5MM/5MM) 3/4" IG	VY/NA	2	0.022(2)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.21	0.47	57		
	00190-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/i89 (5MM/5MM) 3/4" IG	VY/NA	2	0.022(2),0.149(4)	0.375	SS-D	Fill 1: AIR (100)	N		CL	0.28	0.23	0.51	41		
	00190-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/i89 (5MM/5MM) 3/4" IG	VY/NA	2	0.022(2),0.149(4)	0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.21	0.45	41		
	00191-00001	8mm Grids: E366/AIR/i89 (5MM/5MM) 3/4" IG	VY/NA	2	0.022(2),0.149(4)	0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.21	0.45	39		
	00192-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/i89 (5MM/5MM) 3/4" IG	VY/NA	2	0.022(2),0.149(4)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.24	0.22	0.51	45		
	00192-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/i89 (5MM/5MM) 3/4" IG	VY/NA	2	0.022(2),0.149(4)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.24	0.20	0.45	45		
	00193-00001	8mm Grids: E366/ARG90/i89 (5MM/5MM) 3/4" IG	VY/NA	2	0.022(2),0.149(4)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.20	0.45	45		

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATI	08/19/2014	1200mm x 1499mm	0.227	0.225	E0119.03-116-46

Comments:

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized IA
Signature: _____