

NFRC Certified Products Directory Codes Listing

PRODUCT TYPE CODES

Code	Product Category	Product Description
Windows		
PRAW	Awning Windows	Projected (Awning)
CSDV	Casement Windows	Casement (Dual Vent)
CSSV	Casement Windows	Casement (Single Vent)
FIXD	Picture Windows	Fixed (Picture Window)
VSDH	Single and Double Hung Windows	Double Hung
VSSH	Single and Double Hung Windows	Single Hung
HSOX	Sliding Windows	Single Slider
HSXX	Sliding Windows	Double Slider
DATT	Specialty Windows	Dual Action (Tilt Turn)
GWGH	Specialty Windows	Garden Window/Green House Window
PVHR	Specialty Windows	Pivoted (Horizontal)
Doors & Door Related		
EDSL	Swinging Exterior Doors	Swinging Entrance Door (Single)
DDFR	Swinging Exterior Doors	Swinging Entrance Door (Double)
DDSG	Sliding Patio Doors	Sliding Glass Door
FXSL	Sidelites	Sidelite
FXTR	Transoms	Transom
VAGD	Garage Doors	Garage / Rolling Door
DASD	Add-On Blinds for Doors	Dynamic Attachment for Swinging Doors
Skylights		
SKDM	Skylights	Skylight (Domed)
SKFX	Skylights	Skylight (Fixed)
SKOP	Skylights	Skylight (Operable)
TDDY	Skylights	Tubular Daylighting Device
Glazed Wall Systems		
GWCW	Glazed Wall Systems	Curtain Wall
GWWW	Glazed Wall Systems	Window Wall
SKSL	Sloped Glazing Systems	Sloped Glazing

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FRAME AND SASH CODES

Code	Frame Sash Type	Description
Material Classification: Aluminum		
AN	Aluminum (Non-thermally broken)	Aluminum extrusions with no thermally broken members (or that do not fit other Aluminum Frame/Sash types)
AS	Aluminum w/ Steel Reinforcement	Aluminum extrusions reinforced with steel
AT	Aluminum w/ Thermal Breaks	Aluminum extrusions with all thermally broken members
AU	Aluminum w/ Thermal Improvements	Aluminum extrusions with all thermally improved members
AV	Aluminum/Vinyl (or other plastic) Combination	Aluminum extrusions combined with vinyl (or other plastic) members, cladding, inserts and/or caps
Material Classification: Steel		
SN	Steel (Non thermally-broken)	Steel alloy members with no thermally broken members (or that do not fit other Steel Frame/Sash types)
SU	Steel w/ Thermal Improvements	Steel alloy members with all thermally improved members
ST	Steel w/ Thermal Breaks	Steel alloy members with all thermally-broken members
Material Classification: Bronze/Brass (Copper Alloy)		
BN	Bronze/Brass (Non thermally-broken)	Bronze with no thermally broken members (or that do not fit other Bronze Frame/Sash types)
BU	Bronze/Brass w/ Thermal Improvements	Bronze members with all thermally improved members
BT	Bronze/Brass w/ Thermal Breaks	Bronze with all thermally-broken members

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FRAME AND SASH CODES (Continued)

Code	Frame Sash Type	Description
Material Classification: Wood		
WD	Wood	All members are solid wood materials
WC	Composite/Wood Combination	Shaped composite material members combined with wood members
WF	Fiberglass/Wood Combination	Shaped fiberglass members combined with wood members
WV	Vinyl/Wood Combination	Shaped vinyl (or other plastic) members or cladding combined with wood members
WA	Wood/Metal Combination	Wood members combined with metal extrusions
WM	Metal Clad Wood	Metal cladding (roll formed) covering primary wood members
Material Classification: Vinyl (or other plastic)		
VY	Vinyl	Vinyl (or other plastic) members with no reinforced members
VR	Vinyl w/ Reinforcement	Vinyl (or other plastic) members with reinforcement
VF	Vinyl w/ foam-filled insulation	Vinyl (or other plastic) members filled with a foam-type insulating material
VC	Cellular PVC	Cellular PVC frame / sash material
Material Classification: Fiberglass		
FG	Fiberglass	Fiber-reinforced members
FR	Fiberglass w/ Reinforcement	Fiber-reinforced members with reinforcement
FF	Fiberglass w/ foam-filled insulation	Fiber-reinforced members filled with a foam-type insulating material
Material Classification: Composite		
CO	Composite Material	Shaped vinyl composite or wood composite members
Material Classification: Others		
NA	Not applicable	Applicable only as a sash code in a product which does not include a sash.
NF	No frame (frameless)	Systems which do not have a frame (i.e. point-supported)

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THERMAL BREAK MATERIAL CODES

Code	Description
AB	ABS
AI	Air
F	Foam
FB	Fiberglass
N	Not Applicable
NE	Neoprene
O	Other
P	Polyamide
RN	Reinforced Nylon
U	Urethane
V	Vinyl

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GAP FILL CODES

Code	Description
AIR	Air
AR2	Argon/Krypton Mixture
AR3	Argon/Krypton/Air Mixture
ARG	Argon/Air
CO2	Carbon Dioxide/Air
KRY	Krypton/Air
N	Not Applicable
SF6	Sulfur Hexafluoride/Air
U	Unknown
XEN	Xenon/Air
XE2	Xenon/Krypton/Air
XE3	Xenon/Argon/Air
VIG	Vacuum Insulated Glass
VIC	Vacuum Insulated Glass (using C* procedure)

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TINT CODES

Code	Description
AZ	Azuria (formerly Azurite)
BL	Blue
BZ	Bronze
CL	Clear
EV	Evergreen
GD	Gold
GR	Green
GY	Gray
OT	Other (use comment field)
RC	Solar or Reflective Coating
RS	Silver (reflective coating)
SF	Suspended Polyester Film
SR	Silver

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SPACER CODES

Code	Type	Description
A1-D	Aluminum	Aluminum spacer system – dual sealed
A1-S	Aluminum	Aluminum spacer system – single sealed
A2-D	Aluminum (thermally-broken)	Thermally improved aluminum spacer system – dual sealed
A2-S	Aluminum (thermally-broken)	Thermally improved aluminum spacer system – single sealed
A3-D	Aluminum-reinforced polymer	Polymer spacer material with aluminum substance – dual sealed
A3-S	Aluminum-reinforced polymer	Polymer spacer material with aluminum substance – single sealed
A4-D	Aluminum/Wood	Composite spacer system of two materials – dual sealed
A4-S	Aluminum/Wood	Composite spacer system of two materials – single sealed
A5-D	Aluminum-reinforced butyl	Butyl spacer material with aluminum substrate – dual sealed
A5-S	Aluminum-reinforced butyl	Butyl spacer material with aluminum substrate – single sealed
A6-D	Aluminum/Foam/Aluminum	Two aluminum spacers separated by foam-type material – dual sealed
A6-S	Aluminum/Foam/Aluminum	Two aluminum spacers separated by foam-type material – single sealed
A7-D	Aluminum U-shaped	U-shaped spacer system embedded in sealant – dual sealed
A7-S	Aluminum U-shaped	U-shaped spacer system embedded in sealant – single sealed
A8-D	Aluminum-Butyl Composite	Exposed corrugated aluminum spacer with butyl – dual sealed
A8-S	Aluminum-Butyl Composite	Exposed corrugated aluminum spacer with butyl – single sealed
A9-D	Aluminum U-channel w/ thermal cap	U-shaped aluminum spacer system with a thermal cap – dual sealed
A9-S	Aluminum U-channel w/ thermal cap	U-shaped aluminum spacer system with a thermal cap – single sealed

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SPACER CODES (Continued)

Code	Type	Description
CS-D	Coated Steel	Coated Steel (galvanized or tinplated) - Dual seal
CS-S	Coated Steel	Coated Steel (galvanized or tinplated) - Single seal
CU-D	Coated Steel U-Shaped	Coated Steel (galvanized or tinplated) U-shaped spacer system embedded in sealant - Dual sealed
CU-S	Coated Steel U-shaped	Coated Steel (galvanized or tinplated) U-shaped spacer system embedded in sealant - Single sealed
ER-D	EPDM Reinforced Butyl	EPDM reinforced butyl spacer system – dual sealed
ER-S	EPDM Reinforced Butyl	EPDM reinforced butyl spacer system – single sealed
FG-D	Fiberglass	Fiberglass – dual sealed
FG-S	Fiberglass	Fiberglass – single sealed
GL-S	Glass	Welded glass edge condition at glazing perimeter
N	Not Applicable	Product component does not require a code
OF-D	Organic Foam	Organic-based foam spacer system – dual sealed
OF-S	Organic Foam	Organic-based foam spacer system – single sealed
P1-D P2-D P3-D	Polycarbonate- Butyl Composite	Exposed corrugated polycarbonate spacer with butyl - dual sealed
P1-S P2-S P3-S	Polycarbonate- Butyl Composite	Exposed corrugated polycarbonate spacer with butyl - single sealed
<p><i>*P1, P2, P3 codes all represent the same spacer type. P1 can no longer be used for new entries, but existing database entries may still use this code. Any product using P1 represents the original modeling technique. P2 represents products modeled using the new modeling procedure. P3 represents products which have been updated by applying a +0.01 adder to the original P1 value.</i></p>		
PU-D	Polyurethane foam	Polyurethane foam – dual sealed
PU-S	Polyurethane foam	Polyurethane foam – single sealed

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SPACER CODES (Continued)

Code	Type	Description
S2-D	Steel (thermally-broken)	Stainless steel spacer with urethane thermal break – dual sealed
S2-S	Steel (thermally-broken)	Stainless steel spacer with urethane thermal break – single sealed
S3-D	Steel/Foam/Steel	Two steel spacers separated by foam- type material – dual sealed
S3-S	Steel/Foam/Steel	Two steel spacers separated by foam- type material – single sealed
S5-D	Steel reinforced butyl	Butyl spacer material with stainless steel substrate – dual sealed
S5-S	Steel reinforced butyl	Butyl spacer material with stainless steel substrate – single sealed
S6-D	Steel U-channel w/ thermal cap	U-shaped steel spacer system with a thermal cap – dual sealed
S6-S	Steel U-channel w/ thermal cap	U-shaped steel spacer system with a thermal cap – single sealed
SP-D	Stainless Steel / Plastic Substrate	Stainless steel and plastic substrate spacer system – dual sealed
SP-S	Stainless Steel / Plastic Substrate	Stainless steel and plastic substrate spacer system – single sealed
SS-D	Stainless Steel	Stainless Steel - dual seal
SS-S	Stainless Steel	Stainless Steel-single sealed
SU-D	Stainless Steel U-shaped	Stainless Steel U-shaped spacer system embedded in sealant - dual sealed
SU-S	Stainless Steel U-Shaped	Stainless Steel U-shaped spacer system embedded in sealant - single sealed
TP-D	Thermo-plastic	Thermo-plastic – dual sealed
TP-S	Thermo-plastic	Thermo-plastic - single sealed
TS-D	Thermo-plastic	Thermoplastic spacer with stainless steel substrate - dual-sealed
TS-S	Thermo-plastic	Thermoplastic spacer with stainless steel substrate - single-sealed

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SPACER CODES (Continued)

Code	Type	Description
WD-N	Wood	Wood spacer system
ZE-D	Elastomeric Silicone Foam	Elastomeric Silicone foam spacer system – dual sealed
ZE-S	Elastomeric Silicone Foam	Elastomeric Silicone foam spacer system – single sealed
ZF-D	Silicone Foam	Silicone foam spacer system – dual sealed
ZF-S	Silicone Foam	Silicone foam spacer system – single sealed
ZS-D	Silicone/Steel	Combination of two separate spacers: a steel spacer and silicone spacer – dual sealed
ZS-S	Silicone/Steel	Combination of two separate spacers: a steel spacer and silicone spacer – single sealed

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GRID CODES

Code	Description
G	Grids between the glass
N	No Grids
S	Simulated Divided Lites
T	True Divided Lites

GRID SIZE CODES

Code	Description
	Blank for no grids
0.75	Grids less than 1”
1.5	Grids greater than or equal to 1”

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DOOR DESCRIPTION CODES

Code	Description
EM	Embossed
FL	Flush
LF	Full Lite
LH	1/2 - Lite
LQ	1/4 - Lite
LT	3/4 - Lite
N	Not Applicable
RP	Raised Panel

DOOR SUB-STRUCTURE MATERIAL CODE

Code	Description
FG	Fiberglass
GS	Galvanized Steel
N	Not Applicable
ST	Steel
VY	Vinyl
WD	Wood

DOOR PANEL CODES

Code	Description
FG	Fiberglass
N	Not Applicable
PL	Plastic
ST	Steel
WP	Wood - Plywood
WS	Wood - Solid

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DOOR SKIN MATERIAL CODES

Code	Description
AL	Aluminum
FG	Fiberglass
GS	Galvanized Steel
N	Not Applicable
ST	Steel
VY	Vinyl
WD	Wood

DOOR CORE FILL CODES

Code	Description
CH	Cellular - Honeycomb
EP	Expanded Polystyrene
N	Not Applicable
PI	Polyisocyanurate
PU	Polyurethane
WP	Wood - Plywood
WS	Wood - Solid
XP	Extruded Polystyrene

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SHADING SYSTEM / DYNAMIC GLAZING LOCATION CODES

Code	Description
I	Interior to the glazing
G	Part of the glazing system
E	Exterior to the glazing

SHADING SYSTEM / DYNAMIC GLAZING TYPE CODES

Code	Description
Shading Systems	
BH	Blinds, Horizontal Venetian
BV	Blinds, Vertical Venetian
SC	Shade, Cellular
SR	Shade, Roller
Dynamic Glazings	
EC	Electrochromic Glass
PC	Photochromic Glass
TC	Thermochromic Glass

SHADING SYSTEM / DYNAMIC GLAZING STATE CODES

Code	Description	Used with Systems
FRO	Fully Retracted	BH, BV, SC, SR
FDO	Fully Deployed & Open	BH, BV
FDC	Fully Deployed & Closed	BH, BV, SC, SR
P45	Fully Deployed at +45 degrees	BH, BV
N45	Fully Deployed at -45 degrees	BH, BV
xxP	Tinted/deployed at xx%	SC, SR, EC, PC, TC

NFRC Certified Products Directory Codes Listing

PRODUCT LINE STATUS CODES

Code	Description	Active/Inactive
None	Normal Active Status	Active
1	Manufacturer Voluntary Termination	Inactive
2	Suspension	Inactive
3	Failed Performance Challenge	Inactive
4	Product Re-issued	Inactive
5	Archived Product Data	Inactive
6	Do Not Print in Directory	Active
7	Product Line Expired	Inactive
9	Granted 6-month Extension	Active
10	Site-Built Product Line	Active
11	Revocation	Inactive
12	Product Line Transfer	Inactive
13	Private Labeled Product Line	Active
14	Exemption Granted, see comments for details	Active

NFRC Certified Products Directory Codes Listing

INSPECTION AGENCY CODES

Code	Name	
A	American Architectural Manufacturers Association (AAMA)	Inspection Agency
K	Keystone Certifications, Inc. (KCI)	Inspection Agency
M	National Accreditation And Management Institute (NAMI)	Inspection Agency
N	Window and Door Manufacturers Association (WDMA)	Inspection Agency

TESTING LABORATORY CODES

Code	Name	
TAIR	UL Laboratory Canada Inc.	Testing Laboratory
TATF	Intertek (CA)	Testing Laboratory
TATI	Intertek (PA)	Testing Laboratory
TATM	Intertek (MN)	Testing Laboratory
TATW	Intertek (WA)	Testing Laboratory
TELE	Element Materials Technology	Testing Laboratory
TFTL	QAI Laboratories DBA Fenestration Testing Laboratory	Testing Laboratory
TNCT	National Certified Testing Laboratories, Inc.	Testing Laboratory
TQCT	Quast Consulting and Testing, Inc.	Testing Laboratory
TQTI	National Certified Testing Laboratory - NW (NCTL-NW)	Testing Laboratory

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SIMULATION LABORATORY CODES

Code	Name	
SAIR	UL Laboratory Canada inc.	Simulation Laboratory
SATF	Intertek (CA)	Simulation Laboratory
SATI	Intertek (PA)	Simulation Laboratory
SATM	Intertek (MN)	Simulation Laboratory
SBEE	BEE Consulting, LLC	Simulation Laboratory
SBTS	Blackwater Testing srl	Simulation Laboratory
SEEL	WSP Canada Group Limited	Simulation Laboratory
SEVA	Element Materials Technology - Canada	Simulation Laboratory
SFSE	Fenestration Simulation Engineering	Simulation Laboratory
SFTL	QAI Laboratories DBA Fenestration Testing Laboratory	Simulation Laboratory
SLAY	Layton Consulting Ltd	Simulation Laboratory
SMOL	Molimo, LLC	Simulation Laboratory
SNCT	National Certified Testing Laboratories, Inc.	Simulation Laboratory
SQCT	Quast Consulting and Testing, Inc.	Simulation Laboratory
SQTI	National Certified Testing Laboratory - NW (NCTL-NW)	Simulation Laboratory
SSTK	Element Materials Technology	Simulation Laboratory
STUR	Turner Engineering & Consulting, Inc.	Simulation Laboratory
SVER	Veridis Solutions	Simulation Laboratory
SWES	WESTLab-USA	Simulation Laboratory
SWWC	WESTLab - Canada	Simulation Laboratory