

CERTIFICATION NO: NI013745

DATE: 06/06/2017

CERTIFICATION PROGRAM: Structural

COMPANY: Seves Glass

CODE: <u>2322-1</u>

EXPIRATION DATE: 06/30/2021

To verify that the "Notice of Product Certification" is valid, please visit www.NAMICertification.com to assure that the product is active and currently listed. This certification represents product conformity to the applicable specification and that certification criteria has been satisfied. A NAMI approved certification label must be applied to the product to claim certification status. Please review and advise NAMI if any corrections are required to this document

COMPANY NAME AND ADDRESS	PRODUCT DESCRIPTION
Seves Glass Block, Inc.	Series "Nubio Thickset 90"
10576 Broadview Road	Fire-Rated Glass Block
Broadview Heights, OH 44147	Manufacturer Specific Glass Blocks for Installation in 60 Minute Locations
	Max Opening: 100ft ² or W-120" or H-120"
	Glass Block Weight: 6.8 lb
	Glass Block Size: 8" x 8" Minimum Thickness: 3.88" Minimum Face Thickness: 7/16"

SPECIFICATION	PRODUCT RATING
ANSI/UL 9	90 Minutes With Hose Stream
TEST REPORT	

Underwriters Laboratory Test Report No: R2556 00NB21799, R2556 79NK1, R2556 91NK10106, R2556 95NK20176

Administrator's Signature:

NATIONAL ACCREDITATION AND MANAGEMENT INSTITUTE, INC.

4794 George Washington Memorial Highway Hayes, VA 23072



CERTIFICATION NO: NI013735.01

DATE: 06/28/2017

CERTIFICATION PROGRAM: Structural

COMPANY: Seves Glass
CODE: 2322-1

EXPIRATION DATE: 06/30/2021

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COMPANY NAME AND ADDRESS	PRODUCT DESCRIPTION
Seves Glass Block, Inc.	Series "Clarity Thickset 90"
10576 Broadview Road	Fire-Rated Glass Block
Broadview Heights, OH 44147	Manufacturer Specific Glass Blocks for Installation in 90 Minute Locations
	Max Opening: 100ft ² or W-120" or H-121"
	Glass Block Weight: 5.71 lb
	Glass Block Size: 7.75" x 7.75" Minimum Thickness: 3.88"

SPECIFICATION	PRODUCT RATING	
ANSI/UL 9	90 Minutes With Hose Stream	
TEST REPORT		
Underwriters Laboratory Test Report No: R2556 02NK10299/R2556 83366		

Administrator's Signature:

NATIONAL ACCREDITATION AND MANAGEMENT INSTITUTE, INC.

4794 George Washington Memorial Highway Haves, VA 23072



CERTIFICATION NO: NI013735.01

DATE: 06/28/2017

CERTIFICATION PROGRAM: Structural

COMPANY: Seves Glass
CODE: 2322-1

EXPIRATION DATE: 06/30/2021

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COMPANY NAME AND ADDRESS	PRODUCT DESCRIPTION
Seves Glass Block, Inc.	Series "Clarity Thickset 90"
10576 Broadview Road	Fire-Rated Glass Block
Broadview Heights, OH 44147	Manufacturer Specific Glass Blocks for Installation in 90 Minute Locations
	Max Opening: 100ft ² or W-120" or H-121"
	Glass Block Weight: 5.71 lb
	Glass Block Size: 7.75" x 7.75" Minimum Thickness: 3.88"

SPECIFICATION	PRODUCT RATING	
ANSI/UL 9	90 Minutes With Hose Stream	
TEST REPORT		
Underwriters Laboratory Test Report No: R2556 02NK10299/R2556 83366		

Administrator's Signature:

NATIONAL ACCREDITATION AND MANAGEMENT INSTITUTE, INC.

4794 George Washington Memorial Highway Haves, VA 23072



CERTIFICATION NO: NI013736

DATE: 06/01/2017

CERTIFICATION PROGRAM: Structural

COMPANY: Seves Glass

CODE: 2322-1

EXPIRATION DATE: <u>06/30/2021</u>

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COMPANY NAME AND ADDRESS	PRODUCT DESCRIPTION
Seves Glass Block, Inc.	Series "Endura Thickset 90"
10576 Broadview Road	Fire-Rated Glass Block
Broadview Heights, OH 44147	Manufacturer Specific Glass Blocks for Installation in 90 Minute Locations
	Max Opening: 100ft ² or W-122" or H-121"
	Glass Block Weight: 10.0 lb
	Glass Block Size: 7.75" x 7.75" Minimum Thickness: 3.88"

SPECIFICATION	PRODUCT RATING	
ANSI/UL 9	90 Minutes With Hose Stream	
TEST REPORT		
Underwriters Laboratory Test Report No: R2556 92NK19281		

Administrator's Signature:

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4794 George Washington Memorial Highway Haves, VA 23072



CERTIFICATION NO: NI013767

DATE: 06/28/2017

CERTIFICATION PROGRAM: Structu

Structural

COMPANY:

Seves Glass

CODE:

2322-1

EXPIRATION DATE: <u>06/30/2021</u>

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COMPANY NAME AND ADDRESS	PRODUCT DESCRIPTION
Seves Glass Block, Inc.	Series "VistaBrik"
10576 Broadview Road	Fire-Rated Solid Glass Block
Broadview Heights, OH 44147	Manufacturer Specific Glass Blocks for Installation in 90 Minute Locations
	Max Opening: 100ft ² or W-120" or H-121"
	Glass Block Weight: 15.6 lb
	Glass Block Size: 7.63" x 7.63" Minimum Thickness: 3"

SPECIFICATION	PRODUCT RATING	
ANSI/UL 9	90 Minutes With Hose Stream	
TEST REPORT		
Underwriters Laboratory Test Report No: R2556 02NK10299/R2556 92NK19281		

Administrator's Signature:

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4794 George Washington Memorial Highway Haves, VA 23072



CERTIFICATION NO: NI013782

COMPANY:

DATE: 07/12/2017

CERTIFICATION PROGRAM: Structural

Seves Glass

CODE: 2322-1

EXPIRATION DATE: <u>07/31/2021</u>

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COMPANY NAME AND ADDRESS	PRODUCT DESCRIPTION
Seves Glass Block, Inc.	Series "Vetropieno"
10576 Broadview Road	Fire-Rated Solid Glass Block
Broadview Heights, OH 44147	Manufacturer Specific Glass Blocks for Installation in 90 Minute Locations
	Max Opening: 100ft ² or W-120" or H-121"
	Glass Block Size: W-9.45" x H-2.09" Minimum Thickness: 4.61"

SPECIFICATION	PRODUCT RATING	
NFPA 257 (2000)	90 Minutes With Hose Stream	
TEST REPORT		
Architectural Testing Inc. Test Report No: C9707.01-121-24		

Administrator's Signature:

NATIONAL ACCREDITATION AND MANAGEMENT INSTITUTE, INC.

4794 George Washington Memorial Highway Haves, VA 23072



CERTIFICATION NO: NI013737

DATE: 06/01/2017

CERTIFICATION PROGRAM: Structural

COMPANY: Seves Glass

CODE: <u>2322-1</u>

EXPIRATION DATE: <u>06/30/2021</u>

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COMPANY NAME AND ADDRESS	PRODUCT DESCRIPTION
Seves Glass Block, Inc.	Series "Nubio Thickset 60"
10576 Broadview Road	Fire-Rated Glass Block
Broadview Heights, OH 44147	Manufacturer Specific Glass Blocks for Installation in 60 Minute Locations
	Max Opening: 94ft ² or W-128.5" or H-104.5"
	Glass Block Weight: 6.8 lb
	Glass Block Size: 8" x 8" Minimum Thickness: 4" Minimum Face Thickness: 7/16"

SPECIFICATION	PRODUCT RATING	
ANSI/UL 9	60 Minutes With Hose Stream	
TEST REPORT		

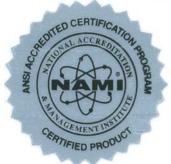
Underwriters Laboratory Test Report No: R2556 02NK10299, R2556 79NK1, R2556 91NK10106, R2556 95NK20176

Administrator's Signature:

NATIONAL ACCREDITATION AND MANAGEMENT INSTITUTE, INC.

4794 George Washington Memorial Highway

Hayes, VA 23072 Tel: (804) 684-5124 Fax: (804) 684-5122



CERTIFICATION NO: NI013734

DATE: 06/01/2017

CERTIFICATION PROGRAM: <u>Structural</u>

COMPANY: Seves Glass

CODE: <u>2322-1</u>

EXPIRATION DATE: <u>06/30/2021</u>

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COMPANY NAME AND ADDRESS	PRODUCT DESCRIPTION
Seves Glass Block, Inc.	Series "Clarity Thickset 60"
10576 Broadview Road	Fire-Rated Glass Block
Broadview Heights, OH 44147	Manufacturer Specific Glass Blocks for Installation in 60 Minute Locations
	Max Opening: 94ft ² or 128.5" x 104.5"
	Glass Block Weight: 6.8 lb
	Glass Block Size: 8" x 8" Minimum Thickness: 4" Minimum Face Thickness: 7/16"

SPECIFICATION	PRODUCT RATING	
ANSI/UL 9	60 Minutes With Hose Stream	
TEST REPORT		
Underwriters Laboratory Test Report No: R2556 02NK10299		

Administrator's Signature:

NATIONAL ACCREDITATION AND MANAGEMENT INSTITUTE, INC.

4794 George Washington Memorial Highway Haves, VA 23072



CERTIFICATION NO: NI013738-R1

DATE: 06/01/2017

CERTIFICATION PROGRAM: Structural

COMPANY: Seves Glass

CODE: 2322-1

EXPIRATION DATE: 06/30/2021

REVISION DATE: <u>06/06/2017</u>

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COMPANY NAME AND ADDRESS	PRODUCT DESCRIPTION
Seves Glass Block, Inc.	Series "Spray Thickset 60"
10576 Broadview Road	Fire-Rated Glass Block
Broadview Heights, OH 44147	Manufacturer Specific Glass Blocks for Installation in 45 Minute Locations
	Max Opening: 100ft ² or W-129" or H-129"
	Glass Block Weight: 6.4 lb
	Glass Block Size: 7.75" x 7.75" Minimum Thickness: 3.88"

SPECIFICATION	PRODUCT RATING	
ANSI/UL 9	60 Minutes With Hose Stream	
TEST REPORT		
Underwriters Laboratory Test Report No: R2556 79NK1		

Administrator's Signature:

NATIONAL ACCREDITATION AND MANAGEMENT INSTITUTE, INC.

4794 George Washington Memorial Highway Hayes, VA 23072



NLINE CERTIFICATIONS DIRECTORY

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Glass Blocks

See General Information for Glass Blocks

VITRABLOK S.R.O

R11679

Bilinska 42

419 01 Duchcov, CZECH REPUBLIC

	In Masonry Walls Rated 1H or 2H			
Rating	Max Height or Width	Max Sq Ft	Max Ht or Width	Max Sq Ft
45 min. rating	12'0"	120	10'-9"	94
60 min. rating	10'0"	100	10'-9"	94
90 min. rating	10'0"	100	11'0"	94

45 Min. Rated Patterns	Imperial Sizes	Metric Sizes
BKG, PG, Blendarm Light Diffusing, Perlmutt, Klarsicht, Perlmosaik, Welle,	8 x 8 x 4, 6 x 8 x 4, 6 x 6 x 4, 4 x 8 x 4 8 x 8 x 3, 6 x 8 x 3, 6 x 6 x 3, 4 x 8 x 3	1919/100, 1919/80, 1909/80, 1111/80

60 Min. Rated Patterns		Metric Sizes
Clarity 60, Cortina 60, Nubio 60, Spray 60, Arctic Fortress, Clarity Fortress, Nubio Fortress, Ribbed Fortress, SHS Arctic, SHS Clarity, SHS Wolke, SHS Nubio, SHS FKG	8 x 8 x 4	1919/100

90 Min. Rated Patterns	Imperial Sizes	
Clarity 90	6 x 6 x 4	

Notes:

- 1. Face sizes are nominal and are 1/4" less than stated. Blocks stated as 3" thick are 3-1/8" and 4" thick are 3-7/8".
- 2. Blocks may be clear or tinted.
- 3. Mortar joints to be 1/4 inch thick or more with Type N mortar.
- 4. Sills of concrete or masonry shall be coated with asphalt emulsion to provide for expansion of the panel.
- 5. For installation in fire-rated walls, panels may be secured by either (a) channel (45, 60 or 90 minutes) or (b) panel anchor construction (45 or 60 minutes).
- a. Channel construction. Glass block at jambs to be placed 1" to 1-1/2" deep recess. Recess to be formed of masonry or 1-1/2" deep steel channel. Steel channel to be 14 gage hollow metal for 45 or 60 minute openings and steel with 1/4" thick flanges for 90 minute openings. Steel channel shall be secured with 3/8" bolts with heavy galvanized washers in 2" slotted holes spaced 12" on center.

Panel anchors. Panel anchors are 24" x 1-3/4" x 20 gage straps. Panel anchors must be galvanized after fabrication. Panel anchors shall be installed in the horizontal joint above the first course of block and then in every second horizontal joint above. Panel anchors shall extend 12" into each joint. Secure panel anchors with.

- 6. The horizontal mortar joint above the first course to be reinforced with 9 x 14 AWG galvanized wire and also every second mortar joint above. If panel anchors are used, overlap anchors 6" with reinforcing wire. If channels are used, extend reinforcing wire into channels.
- 7. Allow 3/8" space at jambs and head and fill with glass fiber, polyethylene or mineral wool caulk with silicone.

8. The blocks noted under 1-1/2 h or 1 h "Rating" and those 8 in. x 8 in. x 4 in. sized glass blocks noted under 3/4 h "Rating" are classified for use in masonry walls as curved window assemblies provided that the maximum allowable curvature does not exceed a ratio of 2:1 with respect to length of radius to length of assembly width.

NON-MASONRY APPLICATION:

The blocks are classified for use in Non-Masonry walls as described in the manufacturers installation instructions for Non-Masonry Wall Construction and Frame Installation.

ACCESSORIES:

Glass block 3-7/8 in. (98 mm) thick for installation rated up to 1 hr. may be provided with plastic spacers, according to manufacturer's

Panel anchors 24 in. by 1-3/4 in. by 24 gauge anchors may be used for masonry installations and for some non-masonry (see manufacturer's installation instructions) installations.

Last Updated on 2016-12-21

Questions?

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