

PRODUCT EVALUATION

Series/Model NC600/RP600 Type XO Sliding Glass Door

REPORT No.: 30215.01-106-11-R0

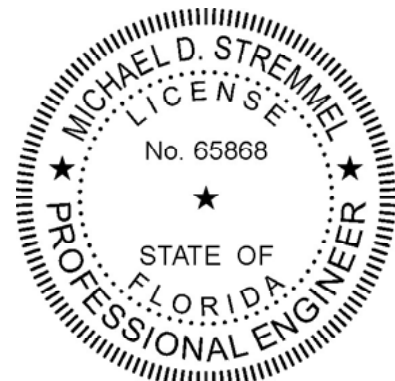
RENDERED TO: Decco S.A.
Szafirowa 17
16-400 Suwalki, Poland

PREPARED BY: Michael D. Stremmel, P.E.
Molimo, LLC
1410 Eden Road
York, Pennsylvania 17402

REPORT DATE: 3/11/2025

This item has been digitally signed and sealed by Michael D. Stremmel, PE on the date adjacent to the seal.

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Michael D. Stremmel, P.E.
Senior Project Engineer
FL PE 65868
FL REG 37122

It is a violation to alter this document in any way unless acting under the direction of a licensed professional engineer.

SCOPE:

Molimo, LLC was contracted by Decco S.A. to perform a product evaluation for their NC600/RP600 Sliding Door. The Product Evaluation was performed per Chapter 16G20-3.05(1)(d) of the Florida Administrative Code, Evaluation report from a Florida Registered Architect or a Licensed Florida Professional Engineer.

BUILDING CODE COMPLIANCE:

This product as demonstrated compliance with the Florida Building Code, Building, 8th Edition (2023) sections as listed below:

§1609.1.2 Protection of Openings

§1709.5 Exterior window and door Assemblies

§2404 Wind, Snow, Seismic and Dead Loads on Glass

PERFORMANCE STANDARDS:

AAMA/WDMACSA 101/I.S.2/A440-17

AAMA/WDMACSA 101/I.S.2/A440-11

PRODUCT DESCRIPTION:Frame

Extruded, sill utilized a snap-in sill adaptor W/Aluminum roller track (PVC) with mitered and thermally welded corners.

Glazing

The glazing was validated in accordance with ASTM E1300.

Glazing Type	Glazing Construction (exterior to interior)
3/4" Insulating Glass	4mm thick tempered glass 1/2" Air Space 4mm thick tempered glass

For additional product information see drawings attached to report Nos. 12437.08-106-11 & 12437.10-106-11.

INSTALLATION:

Wood

Minimum Southern-Yellow-Pine 2x lumber ($G = 0.55$)
 #8 Wood Screw (Shall conform to ANSI/ASME B18.6.1 and be corrosion resistant)

Steel Stud

Minimum 18 gauge (0.043" thick), 33 KSI steel stud
 #10-16 TEKS Screw (see ICC ESR 1976)

Concrete

Minimum $f'_c = 3,000$ psi
 3/16" ITW Tapcon with Advanced Threadform Technology Concrete and Masonry Anchors
 (see NOA 24-0102.06).

Concrete Masonry

ASTM C90, minimum $f'_m = 1,500$ psi
 3/16" ITW Tapcon with Advanced Threadform Technology Concrete and Masonry Anchors
 (see NOA 24-0102.06).

Installation shall follow manufacturer's instructions, product approvals, and referenced installation drawings.

LIMITATIONS OF USE:

Product	Maximum Design Pressure	Maximum Overall Size	Maximum Panel Size
NC 600 Sliding Glass Door	+25 psf / - 25 psf	90" x 90"	45-3/8" x 87"
RP 600 Sliding Glass Door	+25 psf / - 25 psf	90" x 90"	45-3/8" x 87"

SUPPORTING EVIDENCE:

Molimo Test Report 12437.08-106-11 (Rev 0), dated 11/22/2023 (AAMA/WDMA/CSA 101/IS2/A440-17)

Molimo Test Report 12437.10-106-11 (Rev 0), dated 3/6/2024 (AAMA/WDMA/CSA 101/IS2/A440-17)

Product Certification #137-108
by Keystone Certifications (exp 5/14/2028)

Calculation Report 30215.02-106-11-R0, dated 3/11/2025
Sealed by Michael D. Stremmel, PE (FL PE 65868)

Installation Drawings 30215.02-1001, dated 3/7/2025
Sealed by Michael D. Stremmel, PE (FL PE 65868)

CERTIFICATE OF INDEPENDENCE:

In accordance with Rule 61G20-3 Florida Administrative Code, Molimo, LLC hereby certifies the following:

- Molimo, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products tested or labeled by the agency.
- Molimo LLC is not owned, operated or controlled by any company manufacturing or distributing products it tests or labels.
- Michael D. Stremmel, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the reports are being issued.
- Michael D. Stremmel, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

REFERENCE DRAWINGS:

Product Drawings, DWG No. 12437.08, Sheets 1-2, & 12437.10, Sheets 1-5



Molimo[™]
Architectural Product Testing

Door

Project No.: 30215.01-106-11-R0
Project Name: NC600/RP600 Sliding

Report Date: 3/11/2025

Revision Log

Rev. #	Date	Page(s)	Revision(s)
0	10/30/2024	All	Original Report Issue