

OKASOLAR S Specification

Part 1. General

1.01 Summary:

101.1 OKASOLAR S insulating panels with integrated optical solar control louvers provided by OKALUX North America, LLC.

1.02 Submittals:

102.1 Product Data: Manufacturer's catalogs and technical literature showing Performance properties and recommended installation procedures.

102.2: Submit minimum 8" x 11" samples of OKASOLAR S insulating glass as required.

103.1 Delivery, Storage, and Handling:

103.1 Deliver OKASOLAR S in manufacturer's original packaging.

Part 2. Product

2.01 Manufacturer:

OKALUX GmbH
97828 Marktheidenfeld,
Germany

U.S. Distribution Partner

OKALUX North America, LLC
180 S. Broadway, Suite 408
White Plains, NY 10605
Tel: 914 202-0284
Fax: 914 607-7797
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2.02 Materials:

2.02.1: Description of product

Okasolar S insulating glass

Overall Thickness: ___ " (___ mm)

2.02.1 Make up:

___ " (___ mm) thick tempered, heat soak tested float glass with _____ low e coating side #2

1" (24mm) _____ (air/argon/krypton) filled cavity with OKASOLAR S louvers configured for North /South

___ " (___ mm) thick heat strengthened and laminated float glass

2.02.2: Performance (North South w/ 10 degree incline)

OKASOLAR S insulating solar control glass shall perform optically and thermally within the following range based upon solar angle of incidence:

Angle of Incidence	-608	-308	08	158	308	608
SHGC	-	.40	.20	-	.18	.12
Shading Coefficient	-	.46	.24	-	.21	.13
VLT	.56	.44	.27	.05	.02	.01

Part 3. Execution

- 3.01.1 Examination: The Glazing Contractor shall examine the framing and glazing channel surfaces and backing as well as the conditions under which the glazing is to be performed. The Glazing Contractor shall also inspect each OKASOLAR S unit prior to installation. Any units deemed to be damaged or of questionable quality should be brought to the attention of the supplier, OKALUX North America, LLC, immediately and prior to installation.
- 3.01.2 Glazing: OKASOLAR S should be installed in accordance with the general rules applicable for insulating glass. The glazing plane support system must be free of any internal obstructions and structurally adequate for the application. Special recommendations for roof mounted glazing are available. In this instance, glazing details must be provided by the Glazing Contractor.
- 3.01.3 Installation: As with any roof mounted insulated glass, the dimensions of units used are limited by the type and thickness of glass used in the make-up, slope, snow load and wind load requirements.

Part 4. Warranty

The warranty extends 10 years from date of delivery under the conditions of normal usage and approved installation. OKALUX's instructions for ordering and installation must be followed.

OKASOLAR S insulated solar control glass will not fail with respect to the perimeter sealing. The warranty includes thermal breakage due to climatic influence if the glass is installed in accordance with approved installation drawings. OKALUX's liability under this warranty is limited solely to the delivery of a replacement unit to the site of installation. Written notice of warranty claim must be provided to the supplier within 90 days of noticing unit failure. OKALUX reserves the right to inspect the unit to verify justification of warranty claim. Replacement units are warranted for the remainder of the original warranty period. The above warranty does not apply to or cover materials that have not been paid for in full.