


LAURIER

Architectural

Compagnie du Groupe Novatech 

SPANDREL PANELS

Opaque panels installed in the blind sections of curtain wall. They are used to hide the structural elements of a building such as mechanics.

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SPANDREL PANELS

Spandrel panels may be monolithic, laminated or assembled in a sealed unit. To help withstand wind loads and heat build-up, it is recommended to heat-strengthen or temper, if they are to be installed in areas where passersby are to be protected.

In the event of breakage, the heat strengthened glass will form large fragments that will usually remain trapped in the frame, while the tempered glass will break in small fragments that will likely fall to the floor. Tempered glass meets safety glass standards, unlike heat-strengthened glass.



CONTACT OUR TECHNICAL TEAM FOR YOUR CURRENT OR FUTURE PROJECTS. WE WILL BE HAPPY TO ASSIST YOU.

MAKE-UP

CERAFRIT, CERAPRINT or OPACICOAT may be used to opacify glass panels.

HARMONIZING WITH VISION GLAZING

To create a continuity effect with the vision units, it is recommended to use glass with a low light transmission percentage. Otherwise, it is possible to use insulating unit with the same Low-E glass on face 2 than the vision units and an opacified glass on face 4. The depth effect will reduce the difference between the vision and the spandrel sections.

SPANDREL INSTALLATION

- To allow heat and humidity to escape, the air space behind the spandrel panels must be at least 25mm (1 inch).
- For light colors, it must be installed on a light color opaque background.
- It is always recommended to evaluate a sample of a representative size of the chosen color and assembly in its final environment.

WEIGHT & DIMENSIONS

maximal weight 250 lbs – 113kg

MONOLITHIC OR SEALED UNITS:

Cerafrit: 72" x 96" – 1829mm x 2438mm

Opacicoat: 72" x 142"- 1829mm x 3655mm

Ceraprint: 77" x 135" - 1956mm x 3429mm

Monolithic only: 86" x 144" - 2150mm – 3655mm

Laminated monolithic and into sealed units:
68" x 118" – 2677mm x 2997mm

STANDARDS

Glass

ASTM C1036-16 Standard de specification for flat glass

CAN/CGSB 12.3 M91 (R2017) Standard Canadian - Clear float

Tempered glass

CGSB-12.1-2017 Safety glazing

ASTM C1048 Heat treated flat glass

ANSI-Z97.1-2015, National American Standard for Safety Glazing used in buildings

16CFR 1201 II, Safety Standard for Architectural Glazing Materials.