

WINDOW COVERINGS AND NCC 2019 SECTION J

What you need to know



Windows, window coverings and energy efficiency

Changes to the latest version of the National Construction Code (NCC 2019) – in particular Section J Energy Efficiency – place an onus on specifiers to improve energy efficiency when specifying window covering solutions.

Changes in NCC 2019 Section J

Old Section J

External walls and glazing considered **separate** components

New Section J

External walls and glazing redefined **together** as 'external facade'.

Key takeaways:

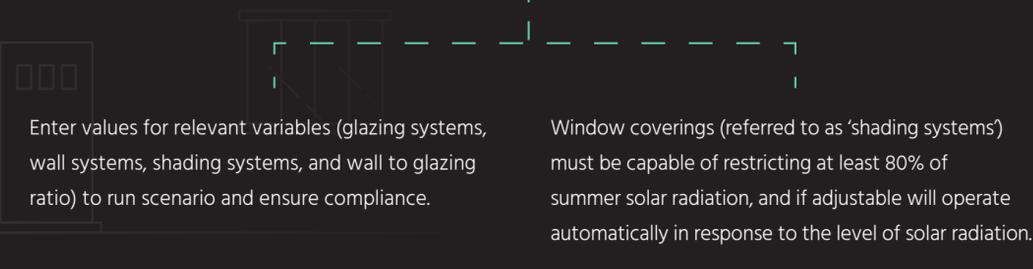
- Commercial facades with a high ratio of glazing to wall area require higher performance glazing compared to NCC 2016.
- For glazing ratios above 60% (i.e. typical commercial buildings built today), thermally broken double-glazing systems may be required, where previously single glazed low-e glazing was adequate.
- As the glazing ratio increases, the Solar Heat Gain Coefficient (SHGC) of the glazing becomes more stringent.
- A lower SHGC means dark tinting, increased reflectivity, or addition of colouring such as green or blue, and reduces natural light within the building. So, in such cases, the use of performance blinds is a good option.

Pathways to compliance

Three pathways to compliance for external facades:



Calculating glazing requirements with the NCC Facade Calculator:



Reaching beyond Section J: Improving energy efficiency with window coverings



Use only **high performance** products from a **trusted brand**



Integration with automation technology to ensure that blinds are open or closed only when they need to be



Seek **expert advice** from window covering specialists

Energy-efficient blinds by Verosol

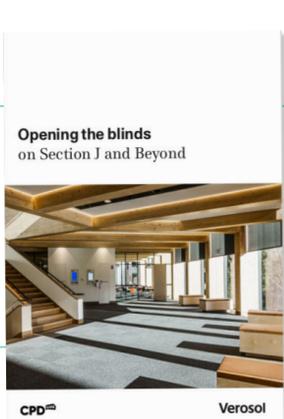


Verosol is a global leader in window covering solutions and manufacturer of a range of performance blind fabrics including its signature range of SilverScreen fabrics.

SilverScreen fabrics reflect up to 85% of solar radiation, reduces the SHGC, virtually eliminates UV radiation, and significantly reduces glare.

Assisting specifiers to not only meet Section J requirements, but exceed them, Verosol has developed its own Energy Savings Calculator.

Used in conjunction with Verosol's range of state-of-the-art roller blinds, external blinds, pleated blinds, roman blinds, panel blinds, solar control solutions, and BMS-compatible operation mechanisms, the Calculator puts specifiers ahead of the pack when it comes to thermal efficiency.



Download the whitepaper here