



**Engineering progress
Enhancing lives**

BWDS MAX

Tilt-turn, hopper, fixed windows



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The BWDS MAX System, also known as system 4700, is for the eco-conscious home or building owner serious about energy efficiency. Our innovative proprietary fiber composite material, and unique profile design take BWDS tilt-turn technology to its highest levels of strength and thermal performance. This system is offered in white and can be laminated with solid color or wood-grain foils.



1 Profile core

Ensures excellent stability and torsional rigidity making it possible to build larger windows without steel reinforcement

2 Six-chambered frame

Provides unmatched thermal insulation, to the level of German Passivhaus standards

3 Integrated reinforcement system with "ladder-shaped" screw channels

Provides stiffness, stability and secure hardware attachment

4 Innovative compression-seal technology

Reduces closing pressure significantly, making window operation easy and extending the service life

5 2 3/32 in (53 mm) glazing channel

Accommodates a wide glazing range, increasing both thermal and acoustical insulation

6 Multiple locking points surrounding the sash Provide extra security and tighter seal against sound, air and water infiltration



Performance Summary

Structural: up to CW-PG70

Thermal: down to 0.13*

ASTM E84 Class A: Frame spread 5;
smoke developed 300

* based on simulation