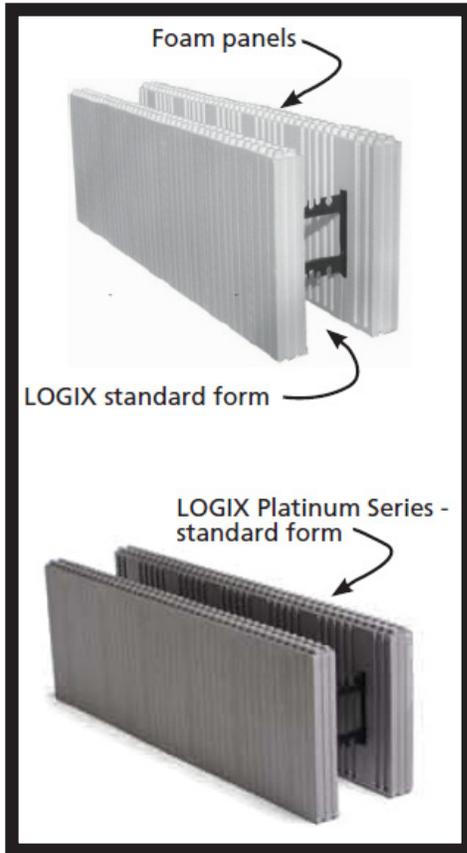


LOGIX PLATINUM SERIES



LOGIX Platinum Series are LOGIX form products made with a treated EPS (expanded polystyrene foam) that increases the foam insulation value without increasing the foam thickness, or affecting the performance properties of LOGIX.

The treated EPS for LOGIX Platinum Series contains microscopic flakes of graphite that reflects heat radiation. This reflective property reflects heat away from the building in warmer climates and keeps heat in the building in colder climates, thus improving the insulation. The graphite within the foam insulation also gives the LOGIX Platinum Series its distinct "platinum" colored look.

BENEFITS

LOGIX Platinum Series is beneficial in all cases where higher insulation values are desired without having to increase the foam or wall thickness of LOGIX. An increase in wall thickness means an increase in building materials and costs, and reduces potential living space.

This is of particular importance as the growing trend by code bodies is to increase the R-value requirement for exterior walls. For framed walls, and some ICFs, this will require an additional layer of continuous insulation. Conversely, the use of the LOGIX Platinum Series will simply increase a typical LOGIX wall from R24 to R27 (see table).

Naturally, by improving the insulation value without increasing the foam thickness, environmental and economic benefits are also achieved throughout the life cycle of the LOGIX Platinum forms.

- No increase in raw materials is used to achieve a higher R-value
- Fewer building materials are needed, reducing costs and saving potential living space.
- Better insulated home means a more energy efficient home, which saves money, reduces harmful emissions and in return protects the environment.

The end result is that LOGIX Platinum Series provides a cost savings and sustainable approach in helping to meet the growing demands for creating higher end, more energy efficient, and environmentally friendly buildings. The next wave of green buildings will be "net-zero" buildings that sell energy back to the grid instead of buying it. LOGIX is "net-zero" ready.

LOGIX Platinum Series is available in LOGIX PRO and LOGIX KD forms.

For more information contact your local LOGIX representative or contact us at info@logixcf.com.

R-VALUE OF LOGIX PLATINUM SERIES WALL SYSTEM⁴

Component	LOGIX PRO Forms	LOGIX Platinum Series
5.5 inch EPS foam insulation	22.72 ¹	22.72 ¹ x 1.14 ³ = 25.90
6.25 inch concrete wall, 150 lb/ft ³ (6.25" x 0.072/inch)	0.45	0.45
1/2 inch Drywall (0.5" x 0.88/inch)	0.44	0.44
Inside airfilm	0.682	0.682
Total Thermal Resistance (R-value)	R 24.29	R 27.47

¹ Source: Intertek Test report 3048347, October 14, 2003

² Source: Model National Energy Code of Canada for Houses, 1997

³ Source: Based on testing conducted by Intertek Testing Services to ASTM C518.

⁴ Additional reference: Thermal Resistance of Logix ICF Wall System, Intertek, May 8, 2007. The R-values shown do not include cladding. For R-values with cladding on LOGIX see [Technical Bulletin 30, Total R-value of LOGIX Walls](#).

NOTE: Care should be taken to protect exposed foam surfaces from reflected sunlight and prolonged solar exposure until wall cladding or finish material is applied. Shade exposed foam areas, or remove sources of reflective surfaces, where heat build up onto exposed foam might occur.

For more information refer to BASF Technical Leaflet N-4 Neopor, "Recommendations for packaging, transporting, storing and installing building insulation products made from Neopor EPS foam." (The BASF Technical Leaflet is attached to every bundle of LOGIX Platinum forms delivered to a job site).