

DUPONT  
Styrofoam™  
Brand

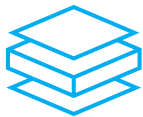
DUPONT™

# New Styrofoam™ Brand XPS Foam Insulation Reduced GWP Update

Our reduced GWP formulation features a new grey color and provides the same great performance.



**GWP**  
Reduction



**5.0**  
R-value per inch



**2021**  
Availability



**Code**  
Compliant

As states and provinces across North America continue the phase-down of hydrofluorocarbons (HFCs) in response to current regulations, DuPont is introducing a new, reduced global warming potential (GWP) formulation of Styrofoam™ Brand Extruded Polystyrene (XPS) Rigid Foam Insulation. The products manufactured with the new formulation are a designer-friendly grey. The change is taking place first in those regions that have adopted HFC regulations, including Canada and select U.S. states, with plans to expand the product offering going forward.

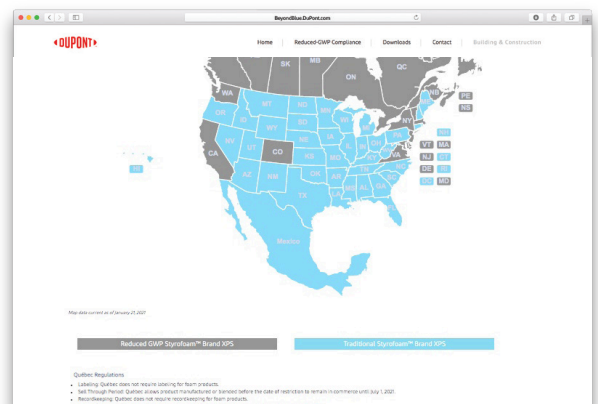
While Styrofoam™ Brand XPS products are being reformulated with next-generation technology for an improved sustainability profile, the performance characteristics are the same as the trusted original extruded polystyrene foam insulation. Styrofoam™ Brand XPS will continue to meet or exceed codes and regulations and deliver the balanced performance you've come to expect – with no need to change specifications.

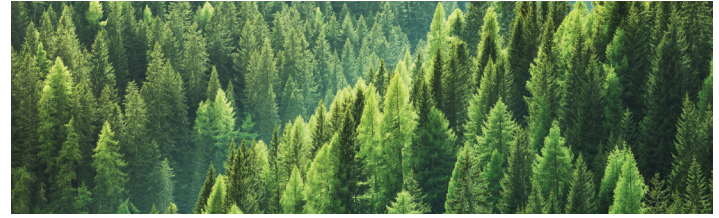
## DuPont™ Styrofoam™ Brand XPS Blue to Grey Timetable

In 2021, blue Styrofoam™ Brand XPS began transitioning to grey<sup>1</sup> in Canada and select U.S. states. The grey color lets you know it was made more sustainably – with reduced embodied carbon<sup>2</sup> – thanks to an innovative new reduced GWP formulation.

Throughout the transition period, both grey and blue colors will be compliant with current regulations where sold.

To get the latest information on compliance, visit [BeyondBlue.DuPont.com](https://BeyondBlue.DuPont.com).





## Continued Trusted Performance

A unique closed-cell structure gives Styrofoam™ Brand XPS its exceptional moisture resistance and enables it to retain a high, long-term R-value<sup>3</sup> of R-5 per inch – even after exposure to standing water, wet soil and other damp conditions.

Refer to the [Styrofoam™ Brand XPS Code Report ICC-ESR 4755](#) or [ICC-ESR 2142](#) in the U.S. or [CCMC 11420-L, 12085-L](#) and [04888-L](#) in Canada for details.



## Aesthetics

Grey Styrofoam™ Brand XPS addresses the need for a dark reveal behind open-joint facade and rainscreen systems. But that's not all. As a highly efficient continuous insulation, the rigid foam boards of Styrofoam™ Brand XPS help prevent thermal bridging and unsightly dark stains that may be visible through the cladding.

## Sustainability

Thanks to the energy it saves over its lifetime, Styrofoam™ Brand Insulation has been shown to help save more than 30 times the energy embodied in it.<sup>4</sup> Furthermore, based on published life cycle information, current Styrofoam™ Brand XPS will prevent at least 28 times more GHG emissions relative to its own carbon footprint over a 50-year period.<sup>5</sup> Already manufactured with 100% renewable energy and with a zero ozone depletion formula, the sustainability benefits of Styrofoam™ Brand XPS also include:

- Reusable in many applications
- Certified by UL Environment Inc. to contain an average of 20% pre-consumer recycled content
- Produced with BluEdge™ Polymeric Flame Retardant Technology, a stable polymer with an enhanced environment, health and safety profile
- Can help builders achieve green building certifications, including U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED®) certification



<sup>1</sup> Styrofoam™ Brand Cavitymate™ Ultra Insulation, with patented carbon black technology, will continue to be produced in dark grey, delivering long-term insulating performance of R-5.6 per inch in wet cavity wall environments.

<sup>2</sup> Lower embodied carbon as demonstrated by DuPont Environmental Product Declarations (EPDs).

<sup>3</sup> R means resistance to heat flow. The higher the R-value, the greater the insulating power.

<sup>4</sup> Calculated from life cycle analysis from published Styrofoam™ Brand XPS Environmental Product Declaration Report.

<sup>5</sup> Michael Mazer et al, "Life Cycle Greenhouse Gas Emissions Reduction From Rigid Thermal Insulation Use in Buildings", Journal of Industrial Ecology, 2011.

## Resources

For information about the new grey Styrofoam™ Brand XPS and helpful resources, visit [BeyondBlue.DuPont.com](https://www.beyondblue.dupont.com).

DuPont Performance Building Solutions is committed to being in step with where the construction industry is going. Our robust portfolio of proven and compatible products brings together decades of technology, expertise and innovation to provide water, air and thermal protection for all six sides of your building envelope.



[building.dupont.com](https://www.building.dupont.com)

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