

# NexEco™: Bringing Circular Innovation to EPS for Construction

As sustainability becomes a bigger part of building design, architects and specifiers are looking for materials that balance performance with credible environmental benefits. At NexKemia, that shift helped drive the development of NexEco™, our recycled content EPS solution.

NexKemia is a North American manufacturer of expandable polystyrene resin serving the construction and packaging industries. Based in Québec, the company is known for its technical expertise, product consistency, and commitment to innovation. Through NexEco, NexKemia is helping move EPS in construction toward a more circular model.

A key milestone for NexEco is that it became the first EPS resin certified by UL for building applications. For architects, designers, and specifiers, this marks an important step forward. It demonstrates that EPS with recycled content can meet the expectations of the building market while offering project teams a new option to consider.

NexEco's 30% recycled content is also validated under UL 2809, which confirms the recycled content claim through UL's Environmental Claim Validation process. That added transparency is important as design professionals are asked to look more closely at the environmental value and credibility of the materials they specify.

NexEco was developed to help EPS molders incorporate recycled content with minimal disruption to their operations. Because it is designed to work within existing manufacturing processes, the transition can be made more easily without changing how EPS components are produced for construction products. NexEco is offered in both traditional white and graphite enhanced formulations, expanding the possibilities for a wider range of construction applications.

For architects and specifiers, NexEco offers a practical new option for EPS in construction. It combines building application credibility with validated recycled content, making it a meaningful step toward more circular material choices in the built environment.



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