



High-density foam for safer, stronger walk-ins.



Genstar HD6 is a high-density polyurethane rail foam engineered to deliver superior safety, durability, and long-term performance in walk-in cooler and freezer construction. Providing a reliable alternative to wood and other legacy materials, it enhances structural integrity, improves thermal efficiency, and integrates seamlessly into existing manufacturing processes, helping manufacturers build stronger, safer, more energy-efficient systems with confidence.

Performance You Can Count On

Genstar HD6 delivers exceptional versatility and reliability for walk-in cooler and freezer panel systems. With a density range of 8 to 12 pcf, it can be tailored to multiple structural and insulation applications within a single system. Quick demold and consistent reactivity support efficient production and reduced downtime, while its high-density formulation delivers long-lasting durability in demanding refrigerated environments.

In addition to strength and performance, Genstar™ HD6 provides verified fire resistance, achieving a Class 1 rating under ASTM E84, exceeding standard requirements. This combination of durability, efficiency, and safety makes HD6 a future-ready solution that meets both current industry standards and evolving regulatory demands.

-  **Fire Resistance:**
Class 1 rating under ASTM E84, well above standard requirements.
-  **Density:**
8 to 12 pcf for versatile applications
-  **Production Efficiency:**
Quick demold and consistent reactivity
-  **Durability:**
Long-lasting performance reduces risk of failure



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