

Ravago Building Solutions

XENERGY™ Ultra

New generation of XPS insulation material



NEW
0.023 W/(m.K)

To be cost efficient, refrigerated truck bodies must be insulated effectively and reliably whilst also being lightweight and built with highly durable materials to last for decades.

After many years of industry leadership with our well recognized products STYROFOAM™ HD300 and STYROFOAM™ RTM, Ravago Building Solutions is taking a new step forward with the development of the high-class performance XENERGY™ ULTRA insulation!

By choosing XENERGY™ ULTRA as a core material it is possible to combine the proven reliability of STYROFOAM™ with improved insulation.





EXCELLENT THERMAL INSULATION

XENERGY™ ULTRA provides reliable and durable thermal insulation performance:
 λ mean, 60d = 0.023 W/(m·K)
With XENERGY™ ULTRA, the cargo space can be designed for ATP.



HIGH MECHANICAL STRENGTH

Like our established benchmark STYROFOAM™ RTM and HD300, XENERGY™ ULTRA has a proven high strength in compression, tension, bending and shear. Composite panels with XENERGY™ ULTRA inside can be designed to withstand high static and dynamic loads.



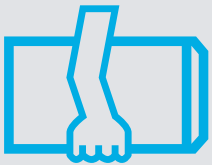
GOOD BONDING PROPERTIES

XENERGY™ ULTRA boards have a smooth dust free surface. This allows lamination using essentially the same process parameters as for STYROFOAM™.



HIGH WATER AND VAPOR RESISTANCE

Resistance to moisture is important for long-term performances and to minimize cost of repair and maintenance



EASY TO USE

XENERGY™ ULTRA can be cut to size using conventional woodworking tools and machinery.



LIGHTWEIGHT

The high strength-to-weight-ratio of XENERGY™ ULTRA is crucial in refrigerated trucks applications.



LONG-TERM PERFORMANCE

XENERGY™ ULTRA does not rot and is durable.



CHEMICAL RESISTANCE

XENERGY™ ULTRA is resistant to most acids and salts.

Note:

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