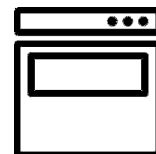




Version :
September 2010



GW VIP roll

Insulation for Vacuum Insulated Panels

Application:

Product designed as insulation core in Vacuum Insulated Panels (VIP) used in high energy efficiency devices like refrigerators, cooled boxes, refrigerated trucks...

Material:

Mineral wool unrisky regarding health according to the EU criteria in being non-carcinogenic, demonstrated by EUCEB and RAL quality labels.
Biosoluble fibers, 100% recyclable, entirely made with raw materials and up to 80% of recycled glass.
Free of sulfite, chromium and sulphur.

Clean fibers, free of any organic compound.
Mineral wool without slugs.

Usage:

The fibers mat is unrolled, heated and compressed, cut and inserted in a multi-layers pocket. The assembled product is then submitted to vacuum and sealed.



Thermal performances:

Thermal conductivity, according EN 12 667

When stating under vacuum, the fibers core enable to decrease the Lambda value below 3 mW/m²K.



Service temperature:

Service temperature of the glass wool fibers: Up to 550 °C, with stable dimensions.

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GW VIP roll

Insulation for Vacuum Insulated Panels



Fire reaction:

Non combustible, fire class A1, according EN 13 501.



Water vapour transmission:

Water vapour transmission $\mu = 1$, according EN 12 086.

Facing:

Unfaced product.

Dimensions / Packaging:

Standard dimensions: Length 10 m, width 1100 mm.

Dimensions can be adapted to your needs.

Thickness of the mat: around 50 mm.

Packaging: Unfaced product compressed in a roll, packaged in a foil.



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