

June 2016

Extract from the Environmental Product Declaration

In conformity with International Standards ISO 14025, ISO 14040 & ISO 14044

8 mm PLANICLEAR

8

**The environmental impacts of this product
have been assessed over its whole life cycle.**

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Product

Product	8 mm PLANICLEAR
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Product Category Rules : NF P 01-010

Functional Unit	1m ² of 8 mm PLANICLEAR Glass configuration : 8
Geographical representativeness	European production sites
Reference Service Life	30 years
Additional components	Not considered. Several configurations are possible.
Material losses	Not considered.
End of life	5% is recycled. The rest is landfilled

Environmental impacts relevant for construction products in accordance with ISO 14040, ISO 14025 and NF P 01-010§6

<i>Environmental Impact</i>	<i>Units</i>	<i>Value for the Reference Service Life</i>
Consumption of energy resources		
Total Primary Energy	MJ	331.7
Renewable Energy	MJ	10.01
Non Renewable Energy	MJ	321.3
Fuel Energy	MJ	319.1
Depletion of Natural Resources	kg of antimony (Sb) eq.	0.13249
Water consumption	liter	210.0
Solid waste		
Recovered waste	kg	1.090
Hazardous waste	kg	0.0726
Non- hazardous waste	kg	0.0168
Inert waste	kg	19.800
Radioactive waste	kg	0.001330
Climatic change	kg of CO2 eq.	24.00
Atmospheric acidification	kg of CO2 eq.	0.16506
Air pollution	m ³	2554
Water pollution	m ³	13.543
Stratospheric Ozone Depletion	kg CFC eq. R11	2.47E-10
Formation of photochemical smog	kg of ethylene eq.	0.007314
Eutrophication	g eq PO4(3-)	12.549