

June 2016

Extract from the Environmental Product Declaration

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

10 mm PLANICLEAR

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

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Product

Product	10 mm PLANICLEAR
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Product Category Rules : NF P 01-010

Functional Unit	1m ² of 10 mm PLANICLEAR Glass configuration : 10
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	409.7
Renewable Energy	MJ	11.64
Non Renewable Energy	MJ	398.3
Fuel Energy	MJ	395.1
Depletion of Natural Resources	kg of antimony (Sb) eq.	0.16449
Water consumption	liter	260.0
Solid waste		
Recovered waste	kg	1.370
Hazardous waste	kg	0.0907
Non- hazardous waste	kg	0.0197
Inert waste	kg	24.800
Radioactive waste	kg	0.001610
Climatic change	kg of CO2 eq.	29.70
Atmospheric acidification	kg of CO2 eq.	0.20506
Air pollution	m3	3174
Water pollution	m3	16.843
Stratospheric Ozone Depletion	kg CFC eq. R11	3.08E-10
Formation of photochemical smog	kg of ethylene eq.	0.008784
Eutrophication	g eq PO4(3-)	15.649