

June 2016

Extract from the Environmental Product Declaration

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

6 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	6 mm PLANICLEAR
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Product Category Rules : NF P 01-010

Functional Unit	1m ² of 6 mm PLANICLEAR Glass configuration : 6
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	246.7
Renewable Energy	MJ	8.25
Non Renewable Energy	MJ	238.3
Fuel Energy	MJ	237.1
Depletion of Natural Resources	kg of antimony (Sb) eq.	0.09889
Water consumption	liter	155.0
Solid waste		
Recovered waste	kg	0.801
Hazardous waste	kg	0.0532
Non- hazardous waste	kg	0.0137
Inert waste	kg	14.500
Radioactive waste	kg	0.001030
Climatic change	kg of CO2 eq.	17.80
Atmospheric acidification	kg of CO2 eq.	0.12306
Air pollution	m3	1894
Water pollution	m3	9.973
Stratospheric Ozone Depletion	kg CFC eq. R11	1.8E-10
Formation of photochemical smog	kg of ethylene eq.	0.005744
Eutrophication	g eq PO4(3-)	9.169