

June 2016

## Extract from the Environmental Product Declaration

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

**12 mm PLANICLEAR**

**12**

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

*Download all our EPDs:*



## Product

Product	12 mm PLANICLEAR
---------	------------------

## Product Category Rules : NF P 01-010

Functional Unit	1m <sup>2</sup> of 12 mm PLANICLEAR Glass configuration : 12
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	488.7
Renewable Energy	MJ	13.27
Non Renewable Energy	MJ	475.3
Fuel Energy	MJ	471.1
Depletion of Natural Resources	kg of antimony (Sb) eq.	0.19649
Water consumption	liter	311.0
Solid waste		
Recovered waste	kg	1.640
Hazardous waste	kg	0.1090
Non- hazardous waste	kg	0.0225
Inert waste	kg	29.700
Radioactive waste	kg	0.001900
Climatic change	kg of CO2 eq.	35.40
Atmospheric acidification	kg of CO2 eq.	0.24406
Air pollution	m <sup>3</sup>	3794
Water pollution	m <sup>3</sup>	20.143
Stratospheric Ozone Depletion	kg CFC eq. R11	3.7E-10
Formation of photochemical smog	kg of ethylene eq.	0.010234
Eutrophication	g eq PO4(3-)	18.749