

GENERAL INFORMATION	
Company information	<p>Etex Group Tervurenlaan 361 1150 Bruxelles</p> <p>Plant: Neubeckum Dyckerhoffstr. 95 – 105 59269 Beckum Germany Logo</p>
Subject	Textura fibre cement cladding panel
Code / number declaration	To be completed
Date of issue	To be completed
Unit	To cover 100 m ² of wall during the reference service life (60 years).
Part of the unit	<p>Number of units needed to cover 100 m² of wall : 31</p> <p>Reference flow: 1547 kg of Textura There is a no loss during the construction phase or replacement during the life in use phase.</p>
Description of the product	<p>The dimensions of one unit are: 2.53 m x 1.28 m x 0.008 m</p> <p>Weight: 15.4 kg/m² or 49.9 kg/unit</p>

ENVIRONMENTAL PROFILE

Theme	Unit	Production	Transport	Construction	Use/ Operation	Use/ Maintenance	End of life
<i>Abiotic depletion</i>	kg antimony eq.	11.0	10.3	0.136	0.493	0	0
<i>Global warming</i>	kg CO ₂ eq.	1 894	1 819	22.8	46.1	0	0
<i>Depletion of the ozone layer</i>	kg CFC-11 eq.	0.000180	0.000157	1.59 E-05	7.74 E-07	0	0
<i>Human ecotoxicity</i>	kg 1,4 dichlorobenzene eq.	376	358	2.11	15.3	0	0
<i>Ecotoxicity aquatic¹</i>	kg 1,4 dichlorobenzene eq.	103 317	100 232	873	1 767	0	0
<i>Ecotoxicity terrestrial</i>	kg 1,4 dichlorobenzene eq.	5.92	5.69	0.0241	0.205	0	0
<i>Smog</i>	kg 1,4 dichlorobenzene eq.	0.748	0.692	0.0238	0.0211	0	0
<i>Acidification</i>	kg SO ₂ eq.	8.37	7.81	0.137	0.364	0	0
<i>Eutrophication</i>	kg PO ₄ ⁻	0.687	0.620	0.0331	0.0200	0	0

¹ average between fresh water and marine

ENVIRONMENTAL MEASURES

Theme	Unit	Production	Transport	Construction	Use/ Operation	Use/ Maintenance	End of life
<i>Resources</i>	Year ⁻¹	7.43 E-10	6.97 E-10	9.14 E-12	3.32 E-11	0	0
<i>Energy</i>	MJ	26 697	24 173	285	2 118	0	0
<i>Emissions</i>	Year ⁻¹	1.86 E-08	1.74 E-08	3.30 E-10	7.36 E-10	0	0
<i>Non hazardous waste</i>	kg	12.7	5.38	0.00503	7.29	0	0
<i>Mineral inert</i>	kg	141	141	0.0188	0.237	0	0
<i>Slag and Ash</i>	kg	8.01	7.85	0.00189	0.155	0	0
<i>Hazardous waste</i>	kg	3.22	3.16	0.00649	0.0551	0	0

Representative for	Eternit A.G. Germany 2004 data
Life cycle phases	All the life cycle phases are included: - Production, transport, construction, use and maintenance, demolition and recycling.
Other life cycle phases and necessary materials and processes	All life cycle steps are included.
References	A methodology report is available upon request from the Etex Group Environmental Department. A Product Category Rules (PCR) is currently being drafted.
Other company information	Company that carried out the study: Ecobilan S.A., 63, rue de Villiers 92 208 Neuilly sur Seine Cedex, France Ecobilan was created in Paris in 1990 and is specialised in life cycle analysis (LCA), in order to assist decision making in terms of technology, product and services. Ecobilan is part of the Environmental and Sustainable Development Department of PricewaterhouseCoopers.