ECO-CEM®

Fiber Cement Sustainability Document

COVERINGSETC

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SUSTAINABILITY AT COVERINGS

Our environmental mission at COVERINGS ETC is to prioritize environmental care in every aspect of our business, from the products we showcase to the practices we operate and the contributions we make to the community.

We are committed to setting an example of sustainable leadership and responsibility, and we strive to create a better world for all.

Our dedication to sustainability is reflected in the third-party certifications and listings our materials have earned from industry leaders such as Cradle-to-Cradle, Material ConneXion, NSF, and GreenSpec.

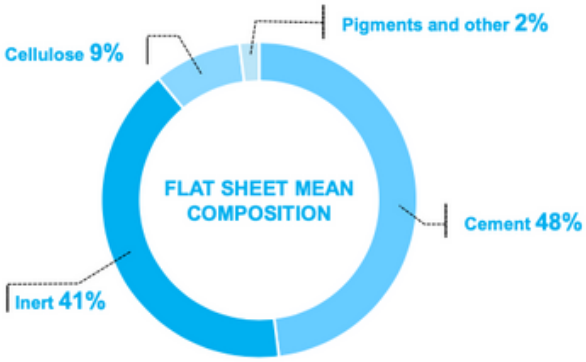
- **HPD**

Coverings ETC is committed to using sustainable materials in their products and ensuring that they have a minimal impact on the environment. As part of this commitment, all of their products have an HPD (Health Product Declaration) which discloses the ingredients, health hazards, and environmental impacts of the materials used in their products. This transparency allows customers to make informed decisions about the products they use and ensures that the materials used are safe for both occupants and the environment.

MATERIAL PROPERTIES

Flat Sheet in Fiber Cement

Flat sheets represent the new generation of sheet, composed by cement and inert materials, reinforced with cellulose and autoclaved.
They are fire-resistant, non putrescible and difficult to be attacked by rodents, scums and fungi.
Sheets are produced in different thicknesses ranging from 4 mm to 32 mm, they could be colored in mass.
About 37% of the flat sheets are painted.
The sheets can be used for external applications (facades).
Pigments and other 2%
Cellulose 9%



Environmental Performance using Renewable Energy

RENEWABLE RESOURCES	UPSTREAM	CORE		DOWNSTREAM	TOTAL
	A1 Raw material supply	A2 Transport	A3 Production Process	A4 Product distribution	
Use of RENEWABLE primary energy resources used as raw materials [MJ, net calorific value]	1,20E+01	0,00E+00	3,15E+00	0,00E+00	**1,51E+01**
Use of RENEWABLE primary energy excluding renewable primary energy resources used as raw materials [MJ, net calorific value]	1,81E+01	8,13E-02	1,16E+00	2,46E-01	**1,96E+01**
Total use of RENEWABLE primary energy resources (primary energy and primary energy resources used as raw materials) [MJ, net calorific value]	3,01E+01	8,13E-02	4,31E+00	2,46E-01	**3,47E+01**

Indicators for potencial environmental impact

ENVIRONMEMNTAL IMPACT PARAMETERS	UPSTREAM	CORE		DOWNSTREAM	TOTAL
	A1 Raw material supply	A2 Transport	A3 Production Process	A4 Product distribution	
Global Warming Potential, GWP [kg CO_2 eq]	5,18E+00	4,50E-01	2,56E+00	1,10E+00	**9,29E+00**
Ozone Depletion Potential, ODP [kg CFC-11 eq]	8,40E-07	8,21E-08	4,34E-08	2,00E-07	**1,17E-06**
Photochemical Ozone Creation, POCP [kg C_2H_4 eq]	8,03E-04	9,82E-05	1,18E-04	1,91E-04	**1,21E-03**
Acidification Potential, AP [kg SO_2 eq]	1,64E-02	2,31E-03	1,64E-03	3,96E-03	**2,43E-02**
Eutrophication Potential, EP [kg PO_4^{3-} eq]	2,28E-03	3,03E-04	3,08E-04	6,44E-04	**3,54E-03**
Depletion of abiotic resources-elements, ADP-elements [kg Sb eq]	8,76E-06	1,22E-06	6,89E-07	3,21E-06	**1,39E-05**
Depletion of abiotic resources-fossil, ADP-fossil fuels [MJ]	7,96E+01	6,81E+00	6,02E+00	1,67E+01	**1,09E+02**