

CLIMATE COMMUNICATION COSMOLITE®

New Material based on mining mineral oxides

Slabs thickness 1,2 cm

Declared unit 1 m²



The Climate Communication reports greenhouse gas emissions, expressed in kg of CO₂ equivalent. Data are based on verified results of a Life Cycle Assessment (LCA), used as the basis of an Environmental Product Declaration (EPD), compliant with ISO 14025 and EN 15804 + A2: 2019 / AC: 2021
This statement contains information of Stone Italiana SpA's EPD which can be downloaded from the website <https://www.environdec.com>

STONE
ITALIANA

COSMOLITE
LA MATERIA NUOVA
DI STONE ITALIANA



CLIMATE COMMUNICATION

COSMOLITE®

New Materia based on mining mineral oxides
Slabs thickness 1,2 cm / Declared unit 1 m²



THE PRODUCT

COSMOLITE® is a New Materia, based on 100% pre-consumer recycled minerals and a polymeric binder (about 8% -10%). The manufacturing process involves mixing together recycled minerals from different sources and of different grain sizes, with organic dyes and a polyester resin. This resin not only binds the materials together but also gives the finished product an added edge when it comes to resistance to bending, impacts and water absorption, and, in more general terms, gives COSMOLITE® physical properties and performance levels beyond those displayed by the original materials. COSMOLITE® products can be used for various applications, such as kitchen and vanity tops or customised projects.

THE COMPANY

Stone Italiana was founded in 1979 through the brilliant and far-sighted intuition of Roberto Dalla Valle who decided to embark on a new adventure in the field of interior finishings. With the aim of introducing a new materia into the interior design landscape, today Stone Italiana is first and foremost an expression of the excellence Made in Italy. As an ambassador

of the italian creativity in the world, Stone Italiana offers architects, designers and fabricators a wide range of products with endless colour options and elements that enhance the raw materials, giving them even greater sophistication and value, as well as having high aesthetic and environmental values.

SYSTEM BOUNDARIES

The system considered in the product study includes the following phases:

UPSTREAM: material-acquisition activities.

CORE: external and internal transports, manufacturing of the products, production of auxiliary materials and packaging.

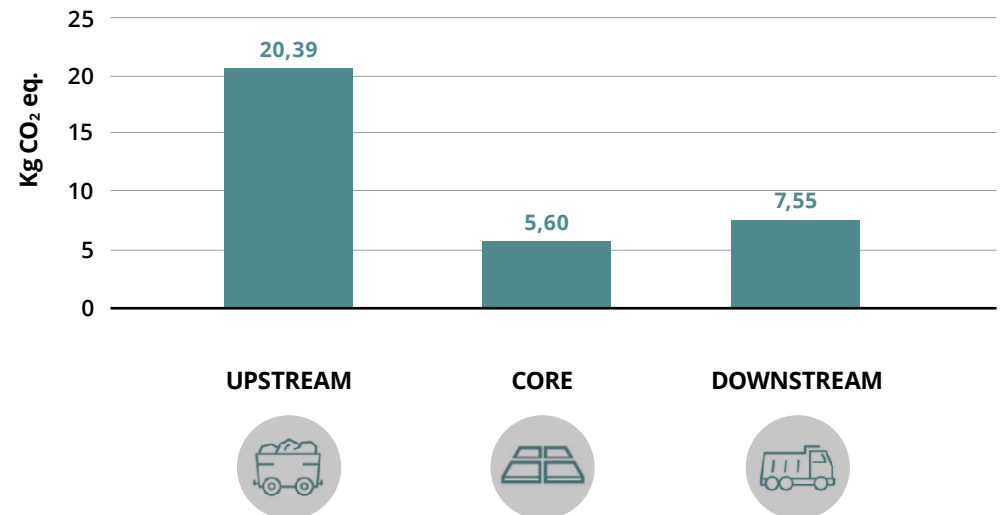
DOWNSTREAM: transport, installation, maintenance, demolition, waste treatment, disposal.

MODULE D: future environmental benefits and costs arising from the recovery or recycling of materials at the end of the product life cycle.

OTHER ENVIRONMENTAL INFORMATION

Further information on COSMOLITE® environmental performance can be found in Stone Italiana SpA's EPD, on the website: www.environdec.com

COSMOLITE® mining mineral oxides - Slabs thickness 1,2 cm



UPSTREAM



CORE



DOWNSTREAM



PHASES

MODULE D: -0,125 Kg CO₂ eq.

CONTACTS

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FOR MORE INFORMATION: EPD PROGRAMME - THE INTERNATIONAL EPD® SYSTEM [WWW.ENVIRONDEC.COM]

REGISTRATION NUMBER: SP-13678, CPC 37310, PCR 2019: 14 vers. 1.3.2. - THIS DECLARATION IS INDEPENDENTLY VERIFIED IN ACCORDANCE WITH ISO 14025. EXTERNAL CERTIFIER of the EPD: CSQA