



SUSTAINABILITY DATA

ARDOR


OBJECTIVES	PRODUCTS		CREDITS
SUSTAINABLE SITES			
To reduce the influence of the heat island effect on the microclimate and natural habitats to the absolute minimum.	Heat island effect reduction.	The light-colored tiles of the Frame range, used in outdoor areas, help reduce the heat island effect (the thermal gradient difference between urban and suburban areas) to minimize the impact on the microclimate. All thanks to the high values of solar reflectance coefficient of the production factory products.	Heat island effect reduction.
			- Not roofs (exterior paving) 1 - Roofs (with the exception of Healthcare that gives 1 point) 2
MATERIALS & RESOURCES			
Commit to using products and materials with low environmental, economic and social impact and for which information is available on the entire life cycle.	CERTIFIED EPD AVAILABLE.		
	Option 1. EPD can be thought of as a virtual identity card for products and describes their impact on the environment during all stages of the life cycle: from extraction of raw materials to their disposal.	Caesar has an EPD certified by an independent external body (EPD ITALY).	1
	Option 2. Multi-attribute optimization. Use products that comply with one of the criteria below for 50 %, by cost of the total value of permanently installed products in the project, valued as below: global warming potential - depletion of the stratospheric ozone layer - acidification of land and water sources - eutrophication - formation of tropospheric ozone - depletion of non-renewable energy resources.	This credit is applicable for all Caesar products. Evaluation: the company's EPD proves the reduction, for at least 3 indicators, of the environmental impact below the average established by EPD “Confindustria Ceramica” EPD – COI-20160202-ICG1-EN of 26/09/2016	1
	RAW MATERIAL SOURCE AND EXTRACTION REPORTING.		Building product disclosure and optimization of Raw Materials
	Option 1. Transparency throughout the extraction phase of raw materials.	Option 1. Transparency throughout the extraction phase of raw materials.	1
	Option 2. Leadership extraction practices. Use products that meet at least one of the responsible extraction criteria below for at least 25%, by cost, of the total value of permanently installed building products in the project. Recycled content: is the sum of postconsumer recycled content plus one-half the preconsumer recycled content, based on cost.	Option 2. Leadership extraction practices. Use products that meet at least one of the responsible extraction criteria below for at least 25%, by cost, of the total value of permanently installed building products in the project. Recycled content: is the sum of postconsumer recycled content plus one-half the preconsumer recycled content, based on cost.	1





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MATERIALS & RESOURCES			
Verification on to minimization of the use and generation of harmful substances.	MATERIAL INGREDIENT REPORTING.		Building product disclosure and optimization Material ingredients.
	Option 1. Use permanently installed products which have a published, complete Health Product Declaration with full disclosure of known hazards in compliance with the Health Product Declaration Open Standard.	has a Health Product Declaration (HPD); the statements contained in this declaration are supported by evidences.	1
	Option 2. Optimization. International Alternative Compliance Path - REACH Optimization. End use products and materials that do not contain substances that meet REACH criteria for substances of very high concern.	Caesar does not use substances belonging to the Reach or Candidate list for the manufacturing of its products.	1
	Content of recycled material. 20% 	These products contain more than 20% (Block, Dam, Sidewalk, Yard) pre-consumer recycled material content and has the goal of reducing its impact on the environment by minimizing the extraction and manufacturing of raw materials.	Max 1
INDOOR ENVIRONMENTAL QUALITY (IEQ)			
To reduce the concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment.	It covers volatile organic compound (VOC) emissions into indoor air and the VOC content of materials , as well as the testing methods by which indoor emissions are determined. Different materials must meet different requirements to be considered compliant for this credit.	products do not release any volatile organic substances (VOC) into the environment	Low - emitting materials 1-3

