

PRODUCT INFORMATION	TYPE OF PRODUCT	Tiling
	COMPANY NAME	Caesar
	PRODUCT/COLLECTION NAME	Reflex, TecnoLito, Stream, Plank
	DESCRIPTION	<p>Reflex: Ceramic Tile for floors, walls, countertops and trim</p> <p>Stream: Light and space are the elements where Stream finds its perfect place. Its surface gives depth to the elements and enhances architecture with style and design.</p> <p>TecnoLito: is the perfect fusion of the features of countless natural stones: - it is harder than granite; - it does not scratch, like diamond - it is veined, like marble. But, unlike any natural stone, it is supplied already squared, rectified and beveled.</p> <p>Plank: Eco-sustainable ceramic slab</p>
MATERIAL FEEDSTOCK	MATERIAL CONTENT	Porcelain
	RECYCLED CONTENT %	<p>The tiles do not comply with our quality standards and are returned not yet cooked inside the production process. This reduces the need to consume new raw materials. Even waste already cooked, which then cannot be reintroduced into the production process are recycled externally and used for the construction of road foundations.</p> <p>The materials used for the packaging of our products and for most of the marketing tools are completely recyclable, as they are made of paper, cardboard, wood and plastic. The Ebony product contains 20% of recycled material resulting from the production processes of Caesar.</p>
	RAPIDLY RENEWABLE CONTENT %	NA
	HARMFUL ADDITIVES	<p>Caesar uses 100% natural raw materials such as clay, quartz, feldspar, kaolin and natural dyes.</p> <p>All products are eco-friendly Caesar for what "not" contain: from sealing to waxing up to epoxy resins, which can release volatile organic compounds.</p>
	HARMFUL EMISSIONS	None
	EMISSION STRENGTH OVER TIME	None
	TREATMENTS	NA
MANUFACTURING	MANUFACTURING PROCESS	<p>Thanks to investments in production facilities, Caesar purify and recycle water used during the production process, thus reducing consumption and waste of this precious natural resource.</p> <p>The absence of harmful substances such as lead and cadmium, eliminate or reduce the possibility of damage to health the people who work in the factories or living environments where our products are installed.</p> <p>Our use of this specific type of pallet reduces the risk of contamination for the countries that importing our ceramic products.</p> <p>The investments made in the most modern equipment to reduce emissions reduce the environmental impact manufacturing process while preserving the environment.</p> <p>Investment in innovation mean that the energy requirement for firing phase is reduced to minimum.</p>
	HARMFUL EMISSIONS	None
	LOCATION OF MANUF. PLANT	Italy
	TESTS/CODES	<p>Iso 14001: environmental certification of the production process (Caesar was the first producer of ceramics in the world to have achieved this prestigious certification.)</p> <p>Iso 9001: quality certification of the production process (Caesar was one of the first producers of ceramic to be awarded this certification process.)</p>
	3RD PARTY CERTIFICATION	<p>Eco label, Certified Environmental Management System, Green Building Council.</p> <p>Centro Ceramic Bolognese ITALY: Uni B1 En 176</p> <p>British Ceramic Research Limited ENGLAND: British Standard 6431</p> <p>Centre Scientific Technique du Battement FRANCE: Classmen U.P.E.C. Agree</p>
INSTALLATION	INSTALLATION PROCEDURE	Step 1: Surface Preparation, Step 2: Layout, Step 3: Applying Adhesive, Step 4: Cutting Tile, Step 5: Setting Tile, and Step 6: Grouting Joints
	INSTALLATION ADHESIVES	Select the right adhesive for the substrate you're using. Carefully read and

		follow all instructions and precautions on the adhesive or mortar package.
	UNIT COST	Not specified
	LIFE CYCLE ANALYSIS EXTRACTION	Completion of the life cycles, the debris resulting from the removal of ceramic are inert and do not represent an environmental threat. Indeed, can be used for the preparation of road foundations. Other finishing materials, however, in the final stage of life, are high impact and must be disposed of in landfills or incinerators through.
	END OF SERVICE LIFE	Porcelain tile can last much longer than soft surfaces, as well as all other hard surfaces, it won't likely be replaced for decades.
MISC. PROPERTIES	QUALITIES/PROPERTIES OF PRODUCT	<p>100% recycling of industrial water Thanks to continual investments made during our ceramic tile production, Caesar has been able to purify and recycle water used in our manufacturing processes and reduce the waste of this precious natural resource.</p> <p>100% products manufactured using natural raw material such as clays, quartz, feldspars, kaolin and natural dyes The absence of hazardous substances such as lead and cadmium reduces or eliminates the health risks to those who work in the production department, and to those who live in spaces tiled with our products.</p> <p>100% recycling of ceramic waste before the firing production phase of our tiles Caesar recycles its un-fired ceramic tiles, which do not meet our quality standards; this practice significantly reduces the need for raw materials and resources extracted from our planet.</p> <p>100% potential recycling of packaging materials The packaging materials used for our products as well as the majority of our marketing materials can be almost completely recyclable, as they are made of paper, cardboard, wood and plastic.</p> <p>100% potential recycling of "fired" ceramic tiles The "fired" production ceramic tile waste which is not re-introduced into our production process is recycled as gravel for pavements during the construction of public roadways and by-passes.</p> <p>Caesar uses "FAO pallets" for freight shipments where required Our use of this specific type of pallet reduces the risk of contamination in countries importing our ceramic tile products and is in compliance with ISPM-15 FAO.</p> <p>Minimum release of polluting substances in the atmosphere The investments made in the most up-to-date exhaust filtering systems reduce the environmental impact of the productive process to the minimum, thus protecting nature.</p> <p>Energy saving The investments in innovation mean that energy consumption during the firing phase is reduced to the minimum.</p>
	MISC. COMMENTS	The culture of respect for the environment at Caesar is best summed up by the project "Caesar green", the mission to minimize the impact on the environment and to develop industrial eco-sustainability. The highly advanced technology at Caesar safeguards the path of eco-sustainability that the company, amongst the first in the world to win awards for "eco-friendliness", strongly wanted to go down: Caesar were the first ceramic tile manufacturer in the world to be awarded ISO 14001 certification, the first in Italy to be granted permission to use the Eco label logo and tiles manufactured by Caesar have been deemed of the quality to pass the stringent and prestigious LEED rating system, which means that the Green Building project is achievable.
	CONTRIBUTION TO LEED POINTS	<p>RECYCLED CONTENT MR 4.1, VOC CONTENT EQ 4.2, HEAT ISLAND EFFECT SS 7.1, INNOVATION IN DESIGN ID 1.1-1.4, and RECYCLED CONTENT MR 4.2.</p> <p>VOC CONTENT EQ 4.2 (might make you 1 credit) Caesar could help you to credit the points on the following items. Low-emission materials with no transfer of volatile organic compounds (VOC "volatile organic compounds").</p> <p>HEAT ISLAND EFFECT SS 7.1 (might make you 1 credit) Heat Island Effect: with the objective to reduce the impact on the microclimate Heat Island Effect: with the objective to reduce the impact on microclimate and sullhabitat.</p>
COMPANY PROFILE	GREEN PHILOSOPHY	For more than twenty years, Caesar's philosophy of "Where Material Becomes Culture" has become widespread and is undeniably linked to our proud heritage of quality products that are "Made In Italy." Today, thanks to our eco-compatible process, we would like to contribute to the

		spread of a new "green" style for design and construction that is socially responsible. A style which has Eco sustainability as a starting point and which continues towards the development of discerning consumption, respecting man and the environment.
	CONTACT	Caesar Ceramics USA, Inc. 35 James Way, Eatontown, NJ 07724. Phone: (732) 389 5757- Fax: (732) 389 8589 www.caesar.it
MAINTENANCE	AFTER INSTALLATION	http://www.trinitytile.com/mosset-tree/Manufacturers/Caesar