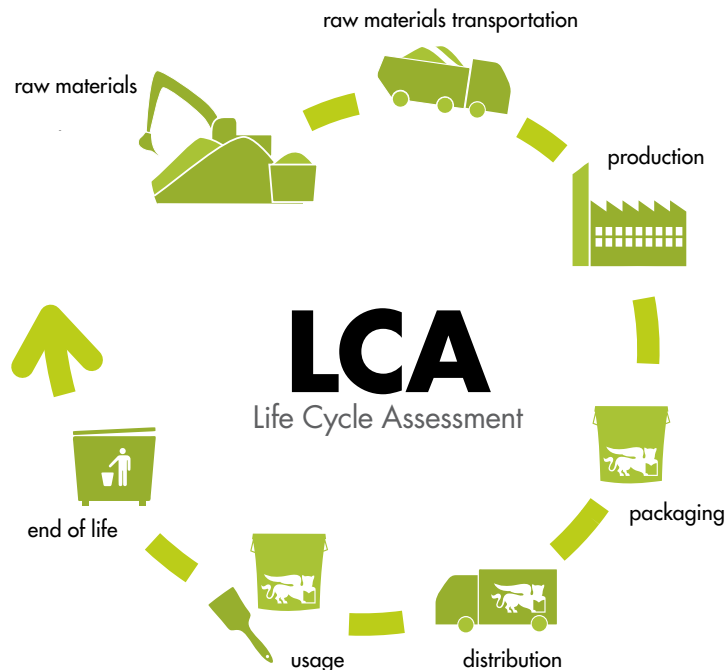


LCA LIFE-CYCLE ASSESSMENT

Starting in 2010, Colorificio San Marco launched an **Environmental Impact Assessment path for its products by adopting a scientific approach that objectively defines and compares their effects on the environment, thus improving environmental performance.**

The EPD (Environmental Product Declaration) is an environmental statement defined by ESO 14025 which bears the quantification of the environmental performance of a product with the parameters calculated by analysing the life cycle (LCA Life-Cycle Assessment) and following the standards of ISO 14040.





One of the main indicators of environmental performance is **Carbon Footprint**, i.e. the amount of greenhouse gas emissions generated throughout a product's life cycle, expressed in equivalent CO₂ kg.

The LCAs conducted by Colorificio San Marco are "cradle-to-gate, with option" and indeed the system's boundaries include the production of raw materials, their transport, production and end-of-life.

To be more detailed, in the LCA model, the packaging of the products and their disposal have also been included.

For all the products involved in the study, we have indicated the values in the price list:

	 carbon footprint Kg CO ₂ eq.	 virtual water		
	1 kg	1 mq	1 mq	1 kg
Environmental data sheet	CO ₂	CO ₂	cons. H ₂ O	cons. H ₂ O
✓				

The first columns are referred to 1 kg of the product packaged in the larger size between those of the price list.

The values relating to 1 sq.m refer to the average quantity of product used to cover 1 sq.m.