

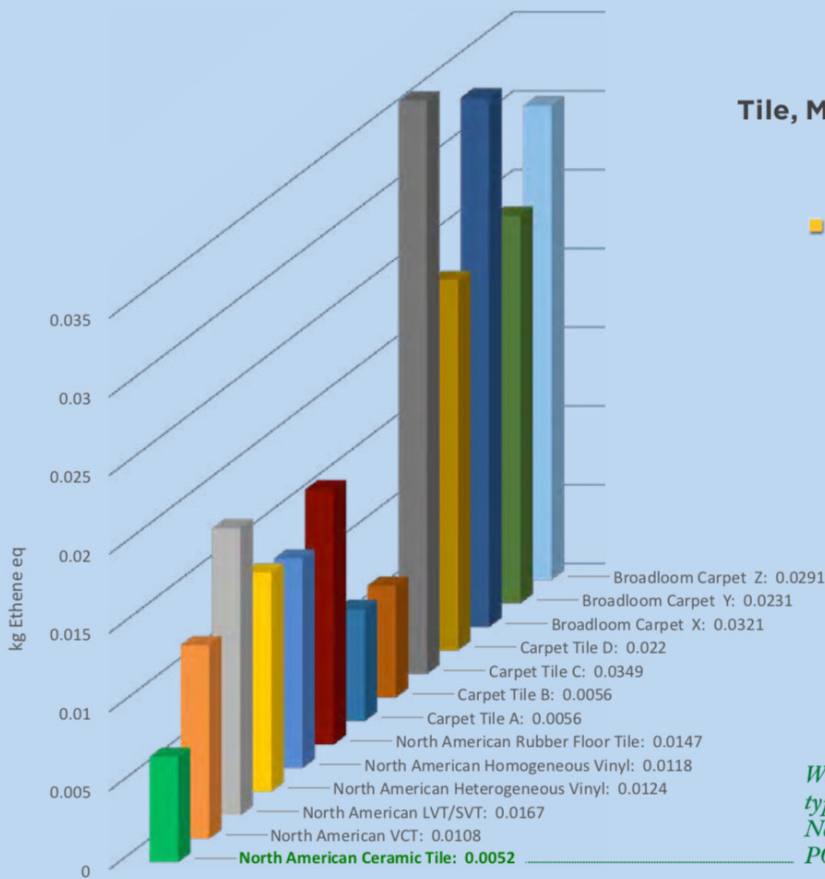
ENVIRONMENTAL FOOTPRINT: TILE, MORTAR AND GROUT A 60-YEAR IMPACT ANALYSIS

Photochemical Oxidant Creation Potential (POCP)

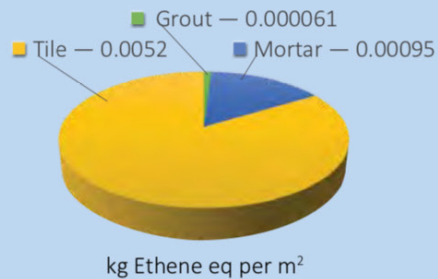
POCP is directly linked to smog formation. Smog is harmful to humans and animals, most notably for aggravating bronchial-related diseases; it also inhibits plant growth due to decreased UV radiation, and can discolor ground-level materials like building exteriors.

The North American-made Ceramic Tile, Mortar, and Grout EPDs report a 60-year POCP of 0.0052 kg Ethene equivalent (eq.) per square meter for tile, 0.00095 kg per m² for mortar, and 0.000061 kg per m² for grout.

POCP: Tile vs Other Types of Flooring



Tile, Mortar, and Grout: Combined POCP



When compared to the EPDs for other types of flooring developed under the North American Flooring PCR, tile's POCP value is the lowest.