CROSSVILLE®
ELEVATE YOUR SPACE

To Whom It May Concern:

This document is in reference to the ASTM Test C-483 for Electrical Resistance of Conductive Ceramic Tile. The inert qualities of the ingredients in the fired product do not promote or provide electrical resistance values. This indicates the material is electrically resistant and thus non-conductive. The test is part of the ANSI 137.1 Specification for Ceramic Tile but is not normally run unless specifically requested or required.
Our porcelain tile is composed of two basic raw materials feldspar and high grade clays. When heated to our high firing temperatures, the feldspar fuses and acts as a bonding agent holding the material together. A value of the clay for porcelain products is that when wet, it can easily be molded or pressed into any desired shape. When the clay mixture is heated, the water is evaporated, producing a hard durable substance. The color of the tile results from the addition of body stains, which consist of inert crystalline metals in oxides or salts.

During production, the tiles are fired at a temperature that exceeds 2200 degrees F (1200 degrees C), at which point it begins to become liquid. During the cooling stage, the materials fuse together and solidify again, to gain strength and hardness. The end product is stable to a temperature that equals the firing temperature, at which point the material would again become liquid, but at no point would it become combustible or conductive.

You can find more information about our many tile products, along with other Product Performance Data and installation specifications at www.crossvilleinc.com or call (931)-484-2110

Crossville Incorporated
Technical Services Department

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