

Digital glues and environmental sustainability

Inkjet technologies applied to ceramic production led in a few years to an impressive varieties of new opportunities.

Thanks to a refined and complex research and to a wide range of innovative products a new generation of textured and personalized surfaces were born; furthermore the many advantages that digital techniques introduced really renewed the ceramic decoration process. On the other hand, the increasingly presence of inks on the tiles, forced the producers to face a growing organic load that systematically affects the quantity and the quality of the chimney emission.

Smaltochimica, historically leader of digital glues production, is engaged to develop products that combine an excellent technical performance to a sustainable emissive behavior. In its Research and Development path, had the opportunity to evaluate the dynamics of emissions connected to the various natures of digital inks, providing solutions designed on the customers' need.