

## COLOROBRIA: ON THE VERGE OF SOMETHING BIG.

Colorobbia has focused on the latest technological innovations to offer, to the worldwide producers of large format tiles, a top level of expertise not only in Manufacturing, Engineering and Design but also in novel application techniques.

Innovation means that Colorobbia's wide portfolio of product series, comprising frits, pigments, compounds, hardened spray dried glazes, digital inks, granular frits, protections etc... provides an infinite number of combinations to obtain enhanced performance and aesthetics and thus high added value large format tiles. Actually, Colorobbia series of special frits for porcelain body have become a market standard for top quality porcelain tiles.

Another clear example of technological progress is that the production lines of large and extra large formats have become more simple thanks to extensive industrial experience with the use of spray-dried glazes in the pre-press stage, and consequently less energy consuming. Going several steps further, Colorobbia has developed the AIR (Air-friendly Inks Range) concept to minimise the levels of both atmospheric emissions and unpleasant smell at the exit of kiln chimneys, which occur due to incomplete combustion of organics when high laydowns of oil based inkjet inks are applied. Today, the AIR concept, which is based on a Full Digital process, is the best rated environmental solution in the Ceramics market.

Finally, Colorobbia has been fully committed to the development of the Industry 4.0 Evolution, having several open collaboration projects with the leading producers of large format lines to analyse and evaluate different continuous monitoring systems.

As always, Colorobbia develops and studies continuously all the products from the source, paying maximum attention to environmental and safety aspects which are related with the manufacturing processes, a strong policy and commitment established since the day that the company was born almost one hundred years ago. The proof is our strong knowledge of international regulations and requirements from the markets and local authorities but also from our customers, because our highest commitment with them is to be a trustful partner.