

Compact Modules for Decorating Facing Bricks Directly after Extrusion



Fig. 1 Facing bricks decorated using the uniform coating method



Fig. 2 Facing bricks decorated using the MULTICOLOR spraying system



Fig. 3 Facing bricks decorated using dry engobe powders



Fig. 4 Facing bricks decorated using sand application

Decoration of facing bricks is currently increasing relevant. In fact, the market is now more sensitive for enriched and diversified products. This allows manufacturers to attract the customers increasingly demand by informing them extensively about various decoration possibilities.

One of the biggest problems for brick manufacturers is that they do not have adequate facilities and space to install a decorating line at the exit of the dryer. Therefore, they often limited themselves to a few and poor final decoration effects, obtained with second-best solutions.

In recent years, SMAC/IT has been committed to develop compact modules that along few meters combine different decoration methods in order to achieve final effects with considerable impact and enriched surfaces. The most widely used methods for decorating facing bricks directly after extrusion are presented in the following.

Uniform coating

The most well-known and simple method of decorating bricks is certainly the uniform single-colour coating using liquid engobes. The application is made by means of slinger cabins, called SIT models, performing centrifugal diffusion of the engobe.

The process is carried out by means of high-speed rotating disc packs of different diameters and design. The rotation can be clockwise or counterclockwise in order to

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