



EDGETILE
PATENTED TECHNOLOGY

INNOVATIVE BULLNOSE PRODUCTION TECHNOLOGY

EdgeTile is a licensable technology that uses **UV digital printing** to decorate and finish the top edge of ceramic bullnose tiles at **higher speed, lower cost and better quality** compared to traditional methods.

This innovative bullnose production technology **significantly improves the appearance** as the bullnose edge design and color match the ceramic tile far more accurately.

It not only improves the decoration and production process, but also provides a good performance in term of **scratch, chemical and UV resistance**.

BULLNOSE TILE AND ALL ITS LAYERS

The bullnose tile, for example a skirting tile, is manufactured starting from a regular tile that is cut into multiple pieces.

Then the bullnose edge is decorated in different layers:

1. UV coating

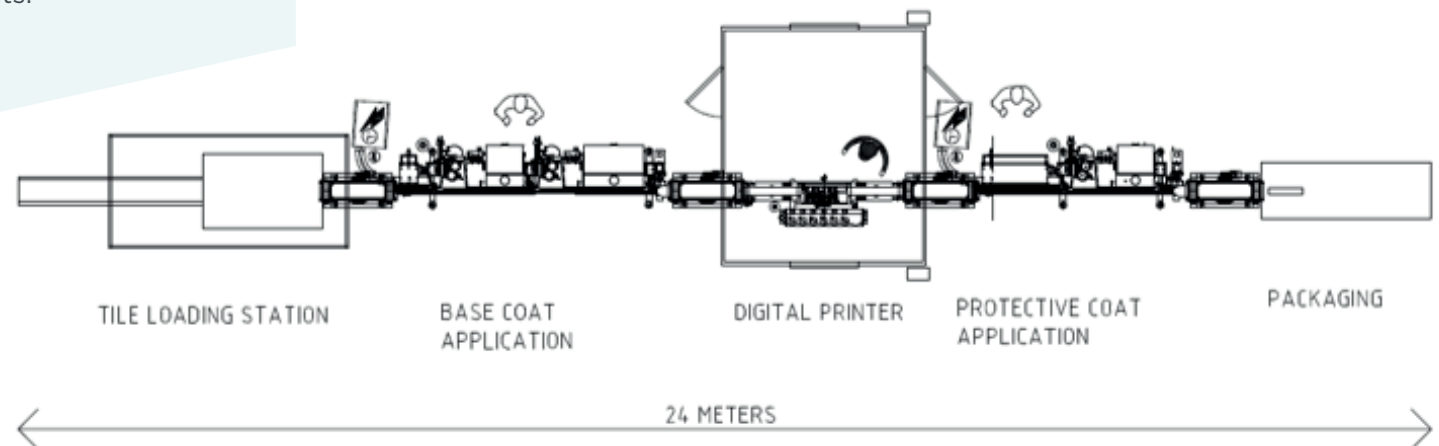
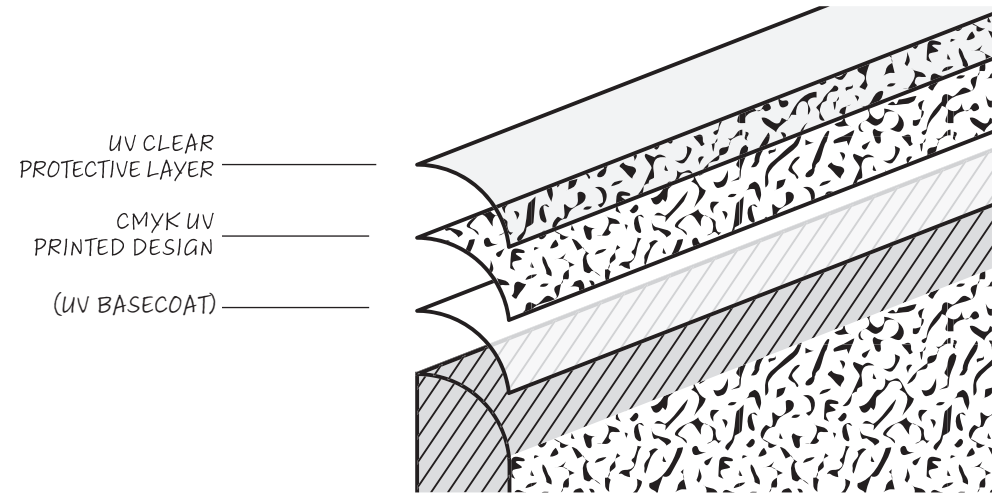
A UV coating is optional, but can be applied to the bullnose edge with a roller coater.

2. Digitally print with UV inks

The design and color of the bullnose edge can perfectly match and imitate the design of the ceramic tile surface as digital inkjet application is highly accurate.

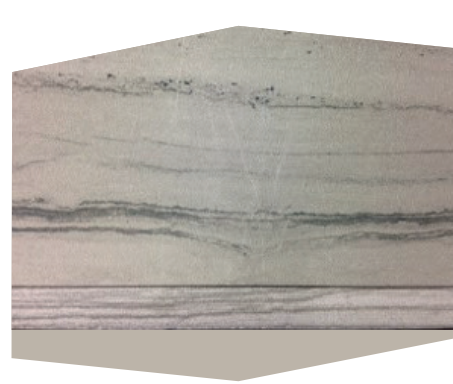
3. Curable transparent UV protective layer

This last layer ensures excellent durability, scratch resistance and higher resistance to UV and chemical agents.

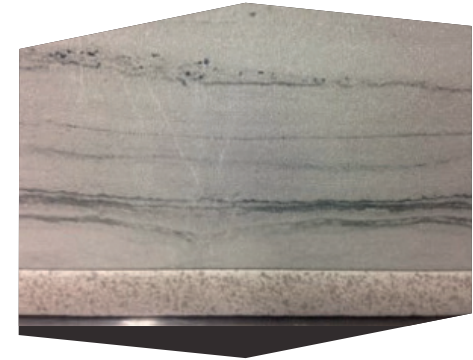


IMPROVED EDGE TO EDGE AESTHETICS

The aesthetic appearance of the bullnose which is significantly improved with consistently repeatable print quality thanks to inkjet printing. This makes sure that the bullnose edge design and color match the ceramic tile more accurately compared with traditional paint method.



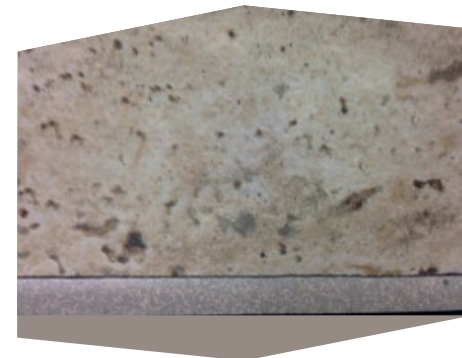
UV PRINTED



DOT PAINTED



UV PRINTED



DOT PAINTED

ADVANTAGES OF EDGETILE



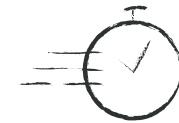
SIGNIFICANTLY IMPROVED APPEARANCE

- Consistently repeatable print quality
- Perfect design and color match



REDUCED PRODUCTION COSTS

- Less energy consumption (no kiln for firing)
- Faster process (no drying process)
- UV basecoat is optional



PROCESS OPTIMIZATION

- Fast digital production with instantaneous UV curing
- Rapid color and process changes, results in seconds
- No need for bullnose edge glaze firing cycle



INNOVATION THAT WORKS

- Patented and implemented by  daltilo



REDUCED PRODUCTION ENERGY


- Less paint wastage because of high accuracy
- Less energy consumption, no edge glaze firing
- Reduced production line footprint
- Low VOC option compared with paint



Interested in this innovative technology? Contact us to become a licensed partner!

Vredestraat 57, 8790 Waregem (Belgium) | +32 (0)56 67 56 67 | info.technologies@unilin.com | www.unilintechnologies.com



 **More info
and videos**