

Xaar 2001+ printhead takes ceramics revolution to India



The unprecedented print quality of the Xaar 2001+ printhead is revolutionising the ceramic tile decoration industry – and now Scientifica Tiles LLP has become the first company in India to utilise its outstanding capabilities.



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Hiren Vadaviya
Director of Scientifica Tiles



XAAR

XAAR CASE STUDY

Based in Morbi, India, Scientifica Tiles is a newly established, family-run business that manufactures high-quality glaze vitrified floor tiles for the Indian, South American, Middle East and Israeli markets.

Scientifica Tiles opted for a KERAjet Master printer with Xaar 2001+ GS12C printheads for its ability to accurately replicate natural marbles and stones, currently much in demand in the market. The manufacturer is benefiting from the printheads' powerful combination of 2000 nozzles with 720 dpi resolution, which together deliver fine details, smooth gradients and strong colours.

"We are very excited about the creative opportunities offered by the Xaar 2001+ printheads, and the print quality we are getting is extremely high," says Hiren Vadaviya, Director of Scientifica Tiles. "Compared to other printheads that are available, a big advantage with the Xaar 2001+ is the fact it can reproduce the subtle colour gradients of marbles and stones, making it ideal for these designs."

High-resolution 720 dpi delivers exceptionally fine detail that can accurately capture even the smallest features, such as rock veins and grains of sand. It enables smooth gradients in areas of low ink coverage (0-10% range), allowing flawless replication of the subtle tones found in onyx, for example.

In addition, due to its 2000 nozzles, the Xaar 2001+ GS12C can deliver strong colours when required, with an ink laydown of up to 40 g/m² at 25 m/min line speed – and with no compromise on resolution.

Scientifica Tiles has also opted to utilise Xaar's High Laydown (HL) Technology for special effects. HL Technology enables exceptional special effects such as gloss, adhesive (glue) and metallic, with ink laydown of up to 170 g/m² at 25 m/min line speed.

For ceramic tile decoration, the Xaar 2001+ printhead is definitely the best option available.

Hiren Vadaviya
Director of Scientifica Tiles

"The Xaar 2001+ with High Laydown Technology is unrivalled in the market, and allows tile manufacturers around the world to deliver more creativity than ever before," says Gerard Winn, Senior Product Manager at Xaar.

"By offering better print-quality and the ability to produce highly impactful effects, the Xaar 2001+ gives tile manufacturers a crucial advantage over their rivals and ensures their products stand out when on display."

Hiren concludes: "Because we believe in healthy competition and wish to see our country produce the highest-quality products possible, we recommend the Xaar 2001+ printhead to all tile manufacturers in India. For ceramic tile decoration, the Xaar 2001+ printhead is definitely the best option available."

The most versatile printhead for ceramic decoration today

With three variants, 720 dpi resolution and unique High Laydown Technology, the Xaar 2001+ is the only printhead family that can meet all your requirements for ceramic tile decoration and effects.



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