

PearlArc Collection:

Care Instructions & Surface Testing

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PearlArc Technology Process:

Zomodo has launched the exciting new PearlArc collection of sinks, taps and accessories. Utilizing the latest cathodic arc surface treatment technologies, these Zomodo products will be the highlight of your kitchen space. Perfect for modern open-plan living spaces.



Shot-Peen Surface Hardening

Shot peening the stainless steel surface creates a harder more durable surface, that is both scratch-resistant and impact-resistant. The mixed material micro-beads are fired into the stainless steel surface causing plastic deformation and hence compressive stress in the material.



Titanium Oxide Coating

Commonly referred to as PVD, Titanium Oxide Coating is a vapour deposition technique where solid titanium metal is vaporized in a high vacuum environment and deposited on to the sink surface as a pure metal coating.

The process transfers the titanium at a molecule level providing an extremely hardwearing coloured layer.



Nano Resin Coating

Finally a nano-resin layer of hydrophobic active substance provides long lasting, ultra-thin protection and a durable easy to clean surface effect.

Faucet & Sink Colour Matching:

Zomodo **PearlArc** faucets & sinks are colour matched to enable seamless & striking kitchen design. Faucets & sinks are tested to the same 'Approved Colour Scale Range', however due to several factors, sometimes the visual appearance of the PearlArc faucet may look slightly different to the matching PearlArc sink.

Shot-Peen: PearlArc sinks go through a Shot-Peen surface hardening process before PVD, this is to strengthen the surface against general washing up. PearlArc faucets do not go through the Shot-Peen process, as they do not have the same requirements as sinks.

Geometry: Geometry plays a big part in how the naked eye views colour. PearlArc sinks are larger & deeper, and crafted from 16-gauge stainless steel sheets, while PearlArc taps are smaller & rounded shapes, crafted from solid stainless steel billets, they also sit on top of the counter and obtain full reflection of light.

The above factors give the PearlArc Faucets a shinier/higher reflective appearance, whereas the sinks have a glittery lustre. Even with these slight visual effects, Zomodo PearlArc faucets & sinks look brilliant paired together.

