

TECHLAM® FAQ

Ceramics

What is TECHLAM®?

Levantina is the pioneering company which manufactures this ground-breaking ceramic product. TECHLAM® is only 3mm thick, weighs 21.3 kg/m² and is available in panels of up to 1 x 3 meters, providing architects and interior designers with an infinite number of possibilities, thanks to its sizes, range of colours, durability, hygiene and ease of installation. TECHLAM® can be used in different applications: flooring, wall covering and cladding, countertops, fittings and ventilated facades.

TECHLAM® video

What raw materials are used in the manufacture of TECHLAM®?

TECHLAM® is a 100% natural product and is manufactured with the same raw materials as other ceramic materials.

TECHLAM® Eco Facts

How long has Levantina been manufacturing TECHLAM®?

Levantina is involved in the world's most important projects and the professionals in the sector have successfully placed their trust in TECHLAM® for projects as demanding as public transport infrastructure, railway stations, hotels, health centres, refurbishing public buildings, etc. Our clients have been completely satisfied with the very positive results achieved with TECHLAM®.

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As part of our global policy, Levantina is continuously searching for innovative new products and applications. **TECHLAM®** is the direct result of this strategy and Levantina's continuous investment in R&D. It was awarded the ceramic society's 2009 Silver Award (Alfa de Plata 09) at Cevisama 2009 for its Capriccio Collection.

Levantina was the first company in Spain to acquire the technology necessary to produce 3 mm thick 3 x 1 meter ceramic sheets and in 2005 this gave rise to **TECHLAM®** and its Basic Collection.

TECHLAM® already had the widest range of products on the market and in the last years new designs were added: Hydra, Zahir, Vulcano, Madeira, Blizzard and Goldengloss. All these designs are available from our logistics centre in Castellon.

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What finishes are available in every TECHLAM® collection?

The standard finish for all designs is matt. The Basic Collection can also be manufactured in non-slip and gloss finishes for specific projects.

What institutions endorse TECHLAM®?

TECHLAM® is used in the most demanding projects across the whole of Levantina's distribution network. It has therefore been endorsed by the most prestigious institutions ensuring compliance with the basic building regulations: CE, UGBC, Greenguard y ASTM.

Certificates

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Is it hygienic?

As it is non-absorbent, it does not produce mould, fungus or bacteria. **TECHLAM®** has a Hygiene Certificate which makes it 100% compatible with food products.

Does it scratch?

TECHLAM® is highly resistant to scratching, its 7 and 8 levels in the MOHS scale mean that it can be only altered by the diamond or the corundum.

Does TECHLAM® lose its original color?

No, **TECHLAM®** is manufactured in one solid mass and is then protected by a layer of vitreous enamel. These processes ensure that **TECHLAM®** is impervious to both sunlight and sudden changes in temperature.

Does it stain easily?

No, **TECHLAM®** has a non-porous surface which prevents dirt, oils or liquids from penetrating. It is also resistant to stains and dirt in general. Soap and water is perfectly adequate for daily cleaning.

TECHLAM® Cleaning and Maintenance guide

Does TECHLAM® burn?

TECHLAM® is fire-resistant and complies with the safety requirements for its use in public and private areas.

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▲ **Where can I get more information on installing TECHLAM®?**

TECHLAM® Installation guide

TECHLAM® Installation video

▲ **What tools should be used to drill TECHLAM®?**

Electric drills with WIDIA bits designed for ceramic products can be used with the hammer action turned off. The area being drilled must be cooled with water in order to prevent the temperature rising to the point where the bit melts. Diamond bits are also now available which are ideal for drilling this type of material. We always recommend that the hammer action be turned off.

TECHLAM® Installation guide

TECHLAM® Installation video

▲ **Can TECHLAM® be used for paving and cladding?**

TECHLAM® can be used in different applications: cladding, wall covering, flooring, countertops, furnishing and fittings and ventilated facades.

▲ **Can the 3mm thickness be used for flooring?**

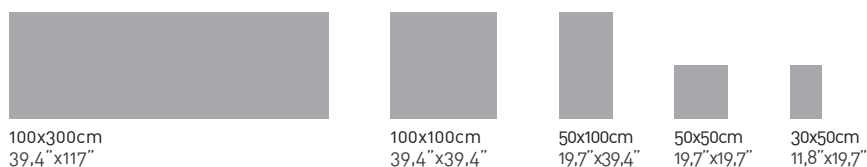
No. The type of application determines the thickness to be used.

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Interior Walls	●	●	●	●
Interior Floors	-	●	●	●
Exterior Walls	-	●	●	●
Exterior Floors	-	●	●	●
Ventilated façades seen anchors	-	●	●	-
Vanity Tops - Kitchens	-	-	-	●
High Transit Floors	-	-	●	●
Refurbishment directly over existing walls	●	●	●	●
Refurbishment directly over existing floors	-	●	●	●
Skirting	-	●	●	●
Composite panels (aluminium, plywood, plasterboard)	●	●	●	●

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▲ **What are the standard formats?**



▲ **Does Levantina have out-of-stock materials?**

The Castellon regional office has out-of-stock materials in standard formats.

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▲ **Where can I get more information?**

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