

METAL PEARL SL



METAL PEARL SL

Named to recall its characteristic shade, our Techlam® Metallo Pearl porcelain could well pass for the lunar surface. Like a pearl in a moonlit night, its luminous surface reflects and projects the light over walls, floors or pieces of furniture, highlighting its pores and different nuances in a finishing which, albeit homogenous at first sight, discloses its "perfect imperfections" up close.

ПОВЕРХСТИ



NATURAL

— FORMATOS | FORMATS



ESPESOR
THICKNESS

3000 x 1000 mm 3000 x 250 mm 1500 x 1000 mm 1000 x 1000 mm 500 x 1000 mm 200 x 1000 mm 500 x 500 mm 300 x 500 mm

3 mm	●	●	●	●	●	●	●
3 + mm	●	●	●	●	●	●	●
5 mm	●	●	●	●	●	●	●
5 + mm	●	●	●	●	●	●	●

ПРИМЕНЕНИЕ



ВНЕШНЯЯ ОБЛИЦОВКА



ВНУТРЕННЯЯ ОБЛИЦОВКА



ВНУТРЕННИЙ ПОЛ



СТОЛЕШНИЦЫ ДЛЯ
ВАННОЙ



СТОЛЕШНИЦЫ ДЛЯ
КУХНИ

ПРЕИМУЩЕСТВА



ГИГИЕНИЧЕСКАЯ
ПОВЕРХНОСТЬ



ДОЛГОВЕЧНЫЕ НЕИЗМЕНЯЮЩИЕСЯ ЦВЕТА



Устойчивость к пятнам



УСТОЙЧИВЫЙ К ХИМИКАТАМ



ОГНЕ- И ТЕРМОСТОЙКОСТЬ



УСТОЙЧИВЫЙ К ЦАРАПИНАМ



ЭКОЛОГИЧЕСКИ ЧИСТЫЙ



PEI
PEI 2



R
R 9 NATURAL / NATURAL

*На основании полученных сертификатов.



Характеристики	Стандарты испытаний	Значение	
Водопоглощение (%)	UNE EN 10545-3		
3 mm		0,1	
5 mm		0,2	
Прочность при изгибе (N/мм ²)	UNE EN 10545-4	Прочность на изгиб	Прочность на разрыв
3 mm		57	370
5 mm		60	1040
Стойкость к истиранию (PEI)	UNE EN 10545-6	Class 3	
Устойчивость к растрескиванию	UNE-EN 10545-11	Нет повреждений	
Химическая стойкость (Класс)	UNE EN 10545-13	A/LA/HA	
Критический угол скольжения (наклонная пластина)	DIN 51130	<R9	
Сопrotивление скольжению (маятник) (USRV)	UNE-EN 12633	<35	
Устойчивость к пятнам (класс)	UNE EN 10545-14	Clase Class 5	
Светостойкость и цветовая устойчивость керамической плитки	DIN 51094	Нет повреждений	
Огнеупорность	Decisión 96/603/CEE, modificada Commission Decision 96/603/EC	A ₁ НГ - негорючие	

*Имеется декларация соответствия ЕС

Мы предлагаем материалы с характеристиками, которые могут адаптироваться к вашим требованиям.

ИСПОЛЬЗОВАНИЕ ПО ТОЛЩИНЕ

	3 mm	3+ mm	5 mm	5+ mm	12 + mm
Внутренние стены Interior walls	●	●	●	●	●
Внутренние полы Interior floors	—	—	●	●	●
Наружные стены Exterior walls	—	●	●	●	●
Наружные полы Exterior floors	—	—	—	—	●
Вентилируемые фасады с видимыми анкерами Ventilated facades seen anchors	—	●	—	●	●
Столешницы Countertops	—	—	—	—	●
Полы с повышенной нагрузкой и проходимостью High transit floors	—	—	●	●	●
Реконструкция поверх существующих стен Refurbishment directly over existing walls	●	●	●	●	●
Плинтус Skirting	—	●	●	●	●
Композитные панели (алюминий, фанера, гипсокартон) Composite panels (aluminium, plywood, plasterboard)	●	●	●	●	●
Реконструкция непосредственно над существующими этажами Refurbishment directly over existing floors	—	●	●	●	●

ПРИМЕНЕНИЕ ПО КОЛЛЕКЦИЯМ

	Basic	Hydra	Industrial	Stone	Vulcano	Wood
ПОЛЫ	●	●	●	●	●	●
СТЕНЫ	●	●	●	●	●	●
ФАСАДЫ	●	●	●	●	●	●
МЕБЕЛЬ	●	●	●	●	●	●
СТОЛЕШНИЦЫ	●	—	—	●	—	—

ПОВЕРХНОСТИ ПО КОЛЛЕКЦИЯМ

	Basic	Hydra	Industrial	Stone	Vulcano	Wood
Satín Satin	●	●	—	—	●	—
Natural Natural	—	—	●	●	—	●
Abujardado Bush Hammered	—	—	●*	●***	—	—
Mate Matt	—	—	●**	—	—	—

*Sólo Urban.
*Only Urban.

**Zahir Perle.

***Sólo Kalos Bianco, Strattos y Quartzite Stone.
***Only Kalos Bianco, Strattos and Quartzite Stone.

QUALITY AND ENVIRONMENT CERTIFICATES*

- It can be ground down and used in other production processes.
- The relative thinness of Techlam (3 or 5mm) compared to a traditional tile (10mm) reduces the environmental impact of the production process, by using less raw materials, energy and water and also reduces transport costs.



· Product contains recycled material

Recycled material has been used as a raw material, so using Techlam has the following benefits:

- The environmental impact of extracting and processing the raw materials is reduced.
- It provides a solution to the demand for products containing recycled material for sustainable construction projects.

Self-declared environmental claims of the content of recycled available.



· GREENGUARD Certificates

This certificate ensures that construction products for indoor use comply with strict emission limits based on tests and guidelines of the National Toxicology Program of the United States. The benefits of using Techlam are:

- It improves the quality of indoor air which makes it ideal for use in enclosed spaces.
- The GOLD certificate states that Techlam is an ideal material for indoor spaces particularly where children and sensitive adults spend extended periods of time, such as schools and healthcare facilities.
- It provides a solution to the demand for construction products containing recycled material for sustainable construction projects.
- It is a programme recognised by the US Green Building Council.



· Miembro del US Green Building Council

Organización sin ánimo de lucro que vela por:

- La construcción de edificios sostenibles.
- El uso de materiales sostenibles para la construcción de edificios.
- El establecimiento de los estándares y criterios del sistema de certificación LEED de construcción sostenible.

· Member of the US Green Building Council

A non-profit organisation which oversees:

- The construction of sustainable buildings
- The use of sustainable materials in the construction of buildings
- The establishment of standards and criteria for the LEED certificate for sustainable construction.

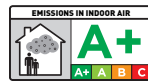


A VERIFIED ENVIRONMENTAL DECLARATION

· The Environmental Product Declaration (EPD)

It is a type-III environmental certification that includes reliable, relevant, transparent and verified environmental information on all the environmental impacts that Techlam and natural stone can generate during their lifecycle.

This Declaration is based on the EN ISO 14025:2010 International Standard and was therefore verified during the audit conducted by AENOR experts in our facilities.



· A+ Indoor Air Quality

Techlam has obtained the highest classification, A+, as the levels of hazardous substances released are well below the limits in the applicable guidelines.

The benefits of using Techlam are:

- It protects environmental quality in enclosed spaces and improves levels of comfort and wellbeing for installers, occupants and users.
- It provides a solution to the demand for products for sustainable construction projects.
- It complies with the French Government Regulation for construction products.

* Certificates available.

CERTIFICADOS DE CALIDAD Y MEDIO AMBIENTE* | QUALITY AND ENVIRONMENT CERTIFICATES*



· EC

With the statement of EC conformity, it is thereby stated that the product that is sold conforms with the regulatory requisites of the harmonized rules or technical specifications according to the application and anticipated use of the product, in accordance with European Regulation on Construction Products (EU) No. 305/2011.



· AIDIMA Quality Symbol

TECHLAM® has obtained the Quality Symbol by The Technology Institute on Furniture, Wood and Packaging (AIDIMA), certifying this thin ceramic tile as a suitable product for its use in the furniture manufacture.



· ASTM

ASTM (American Society for Testing and Materials) is the institution that is in charge of developing the law on the testing and characterization of materials in the United States, thereby establishing the minimum requisites for the uses anticipated for each material.



· CCC Certificate

The China Compulsory Certification (CCC) is a compulsory safety mark granted by Certification and Accreditation Administration of the People's Republic of China (CNCA) for the marketing of products in China.



· ISO 9001

The ISO 9001 Quality Certificate confirms the successful implementation of a new quality management system in the TECHLAM® factory.

* Certificates available.



· Certification systems for sustainable construction

Using Techlam in a construction project contributes to obtaining points for the sustainable construction certificate. The best-known certification programmes internationally are:

- LEED (Leadership in Energy & Environmental Design), developed by US Green Building Council.
- BREEAM (Building Research Establishment Environmental Assessment Methodology) developed by BRE (Building Research Establishment) in the United Kingdom.



Duvils Group[®]

Tel. +7 495 258-56-55

Tel. +7 495 258-56-60

dg@duvils.ru

www.duvils.ru