



BROWNSTONE SL

**SKINLAM®**

ТЕХНИЧЕСКАЯ ИНФОРМАЦИЯ

**DuvilsGroup®**  
www.duvils.ru

# BROWNSTONE



## BROWNSTONE

Его мелкие беловатые прожилки придают ему чрезвычайно реальную окраску, как будто они являются следами прохождения времени. На полах она создает впечатляющие непрерывные, современные и сложные тротуары. А в стенах и перегородках - чудесные фоны, гармонирующие с эстетическими координатами мира архитектуры и космополитического декора.

## ПОВЕРХНИ



NATURAL

## ФОРМАТЫ



ТОЛЩИНА

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



3 + 3 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

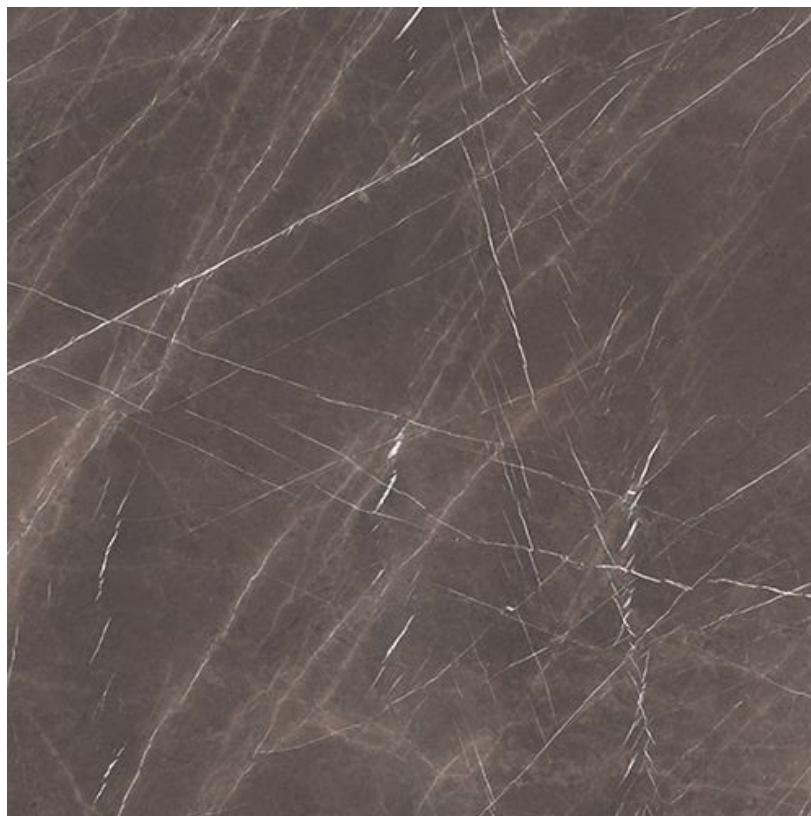


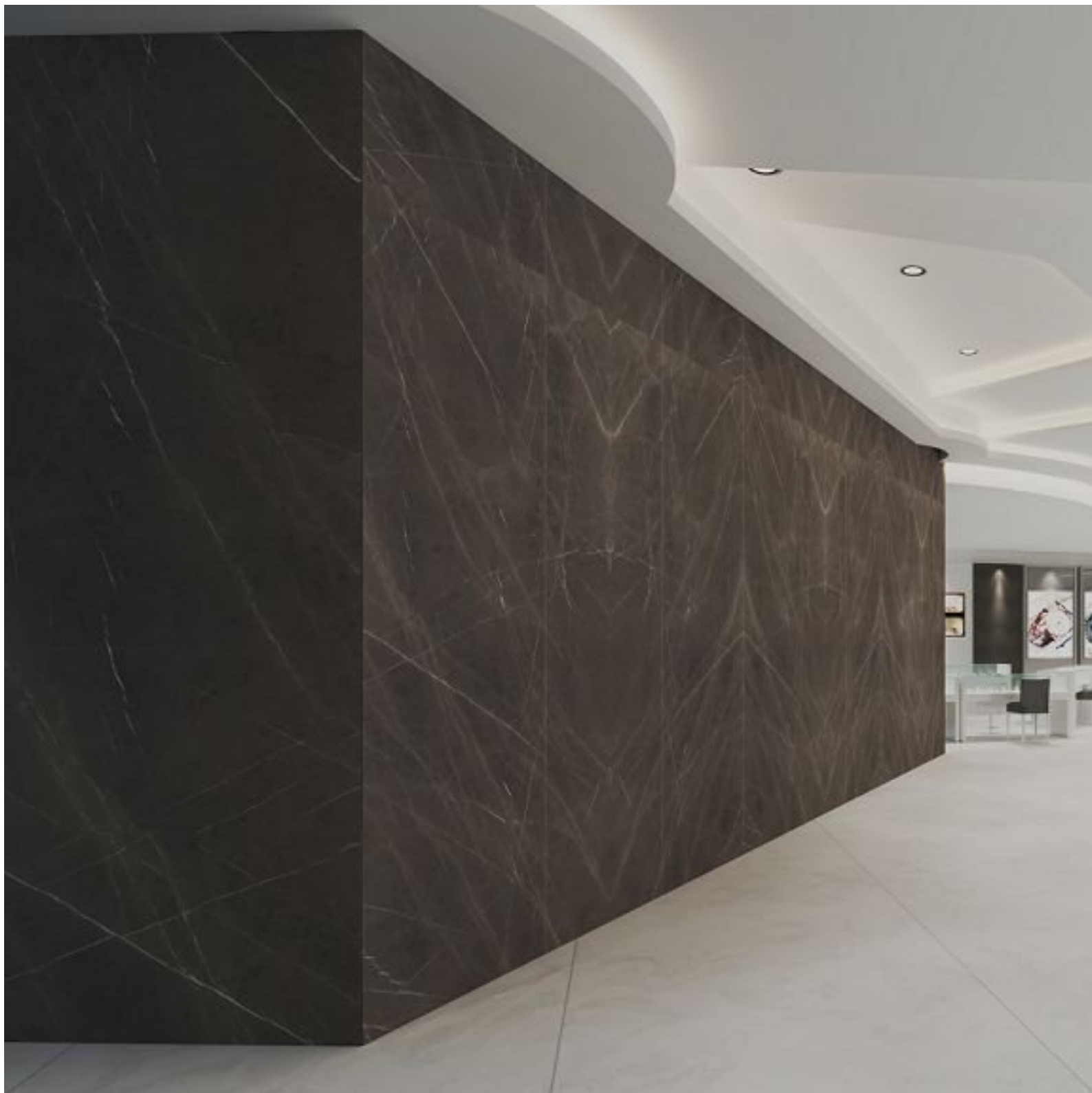
PEI  
PEI 3



R  
R <9 NATURAL / NATURAL

\*На основании полученных сертификатов.







Характеристики	Стандарты испытаний	Значение
Водопоглощение (%)		
3 mm	UNE EN 10545-3	0,2
5 mm		0,2
Прочность при изгибе (N/мм <sup>2</sup> )		
3 mm	UNE EN 10545-4	60
5 mm		55
Прочность на разрыв (N)		
3 mm	UNE EN 10545-4	390
5 mm		900
Сопротивление ударам путем измерения коэффициента релаксации		
3 mm	UNE EN ISO 10545-5	0,77
5 mm		0,84
Стойкость к истиранию (PEI)	UNE EN 10545-6	Class 3
Растрескивающая устойчивость	UNE-EN 10545-11	Без повреждений
Химическая стойкость (Класс)	UNE EN 10545-13	A / LA / HA
Сопротивление пятнам	UNE EN 10545-14	Class 5
Критический угол скольжения (наклонная плоскость)	DIN 51130	<R9
Сопротивление скольжению (маятник) (USRV)	UNE-EN 12633	< 15
Светостойкость и устойчивость цвета керамической плитки	DIN 51094	Без повреждений
Огнеупорность	Решение комиссии 96/603/EC	A <sub>1</sub> 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	3+3 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	Deco	Hydra	Industrial	Stone	Vulcano	Wood
ПОЛЫ	●	●*	●	●	●	●	●
СТЕНЫ	●	●	●	●	●	●	●
ФАСАДЫ	●	●	●	●	●	●	●
МЕБЕЛЬ	●	●*	●	●	●	●	●
СТОЛЕШНИЦЫ	●	—	—	—	●	—	—

## ПОВЕРХНОСТИ ПО КОЛЛЕКЦИЯМ

	Basic	Blaze	Deco	Hydra	Slate	Steel	Stone	Vulcano	Wood
Satin / Сатинированная	●	—	●	●	—	—	—	●	—
Natural / Натуральная	—	●	●**	—	●	●	●	—	●
Bush Hammered / Бучардированная	—	—	●****	—	—	—	●****	—	—
Matt / Матовая	—	—	●***	—	—	—	—	—	—

\*Только на полах с идеальной планиметрией и без высоких нагрузок.

\*\*Only Village, Colonial and Silk.

\*\*\*WHITE PEARL TEXTURA SL

\*\*\*\*Только Silk.

## 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.

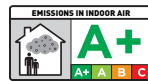


A VERIFIED ENVIRONMENTAL DECLARATION

### · 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.

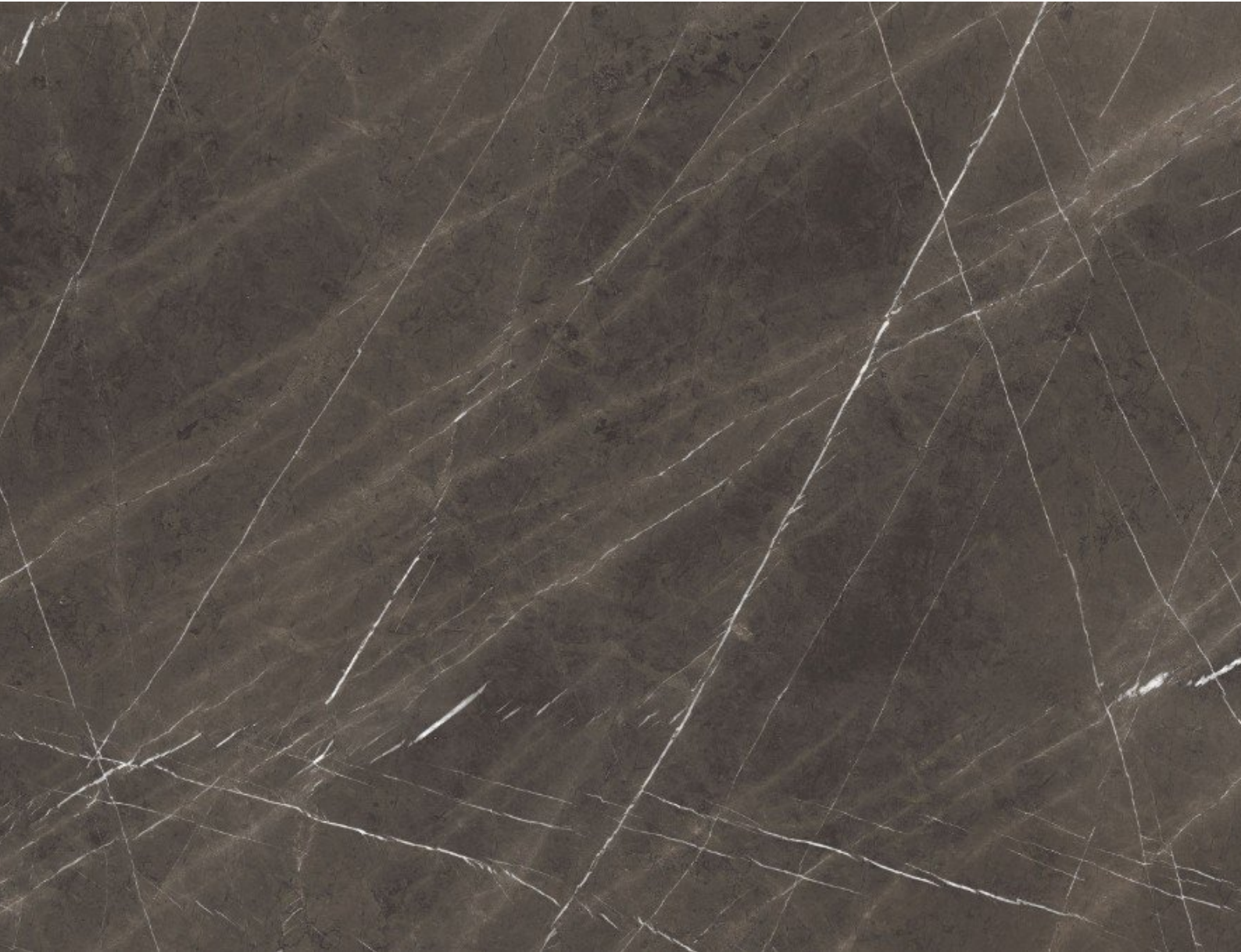
\* Certificates available.



### · 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.



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