



NEOLITH[®]
SINTERED STONE



LEVANTINA
THE NATURAL STONE COMPANY

NEOLITH®
SINTERED STONE

Что такое
Neolith®?

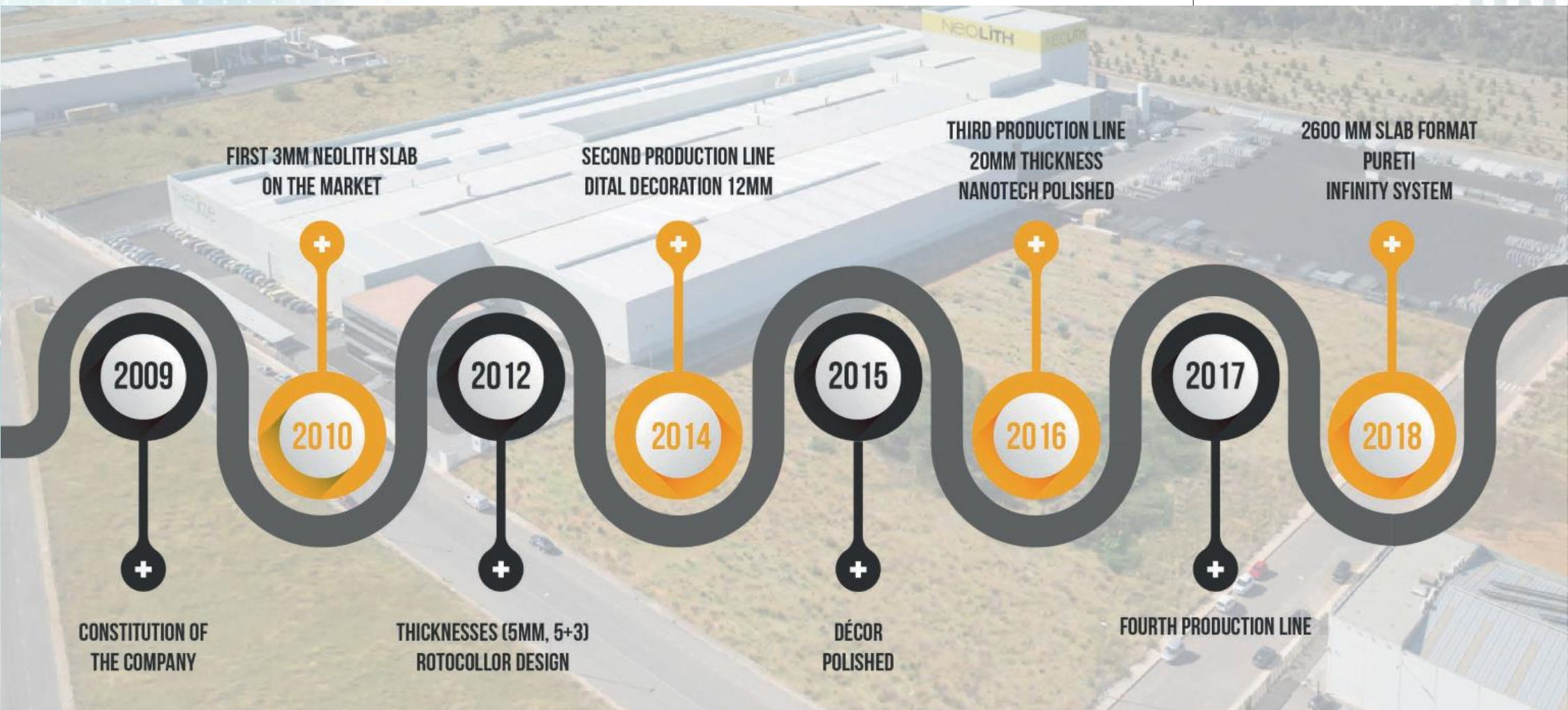
Neolith® это
кварцкерамика, результат
многолетнего опыта
работы его создателей в
мире натурального камня.



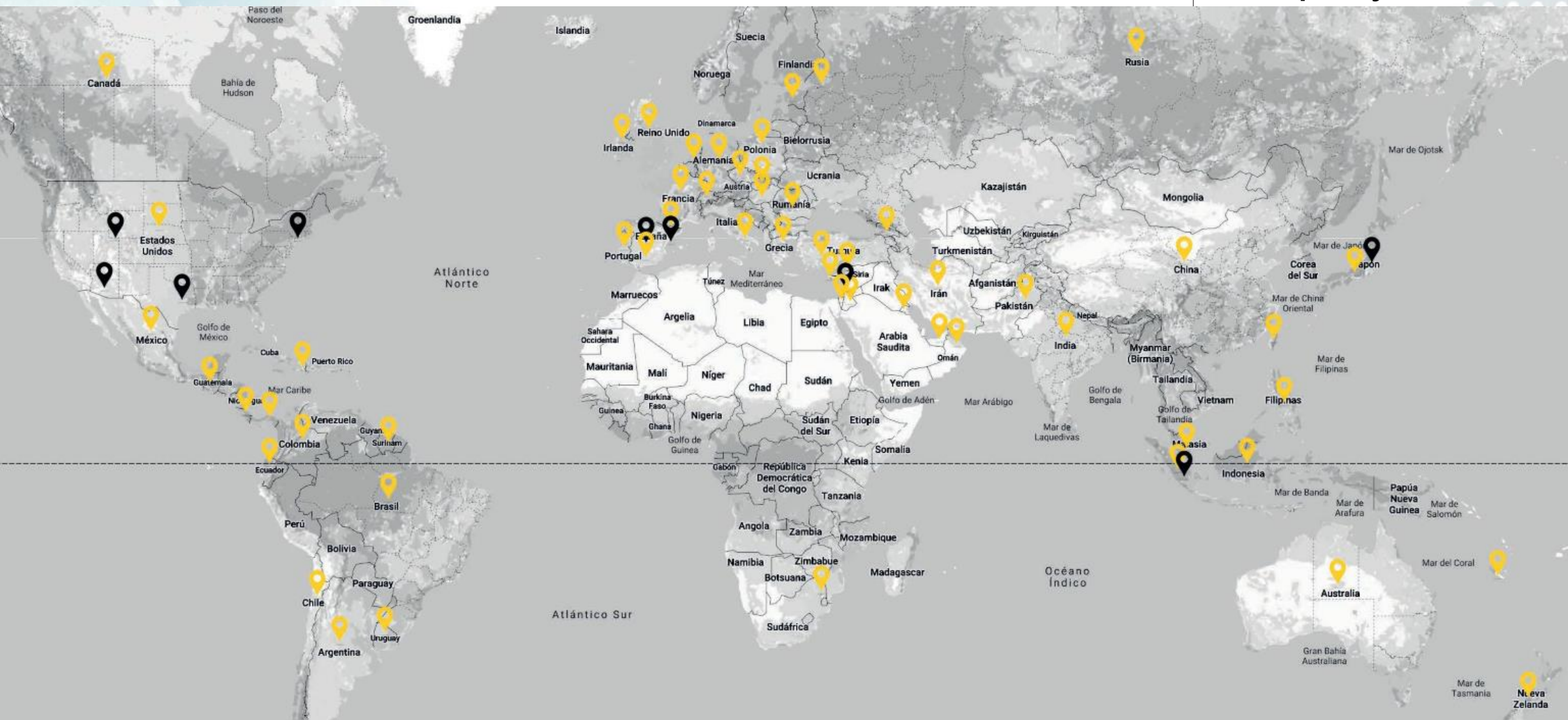
thesize®
SURFACES

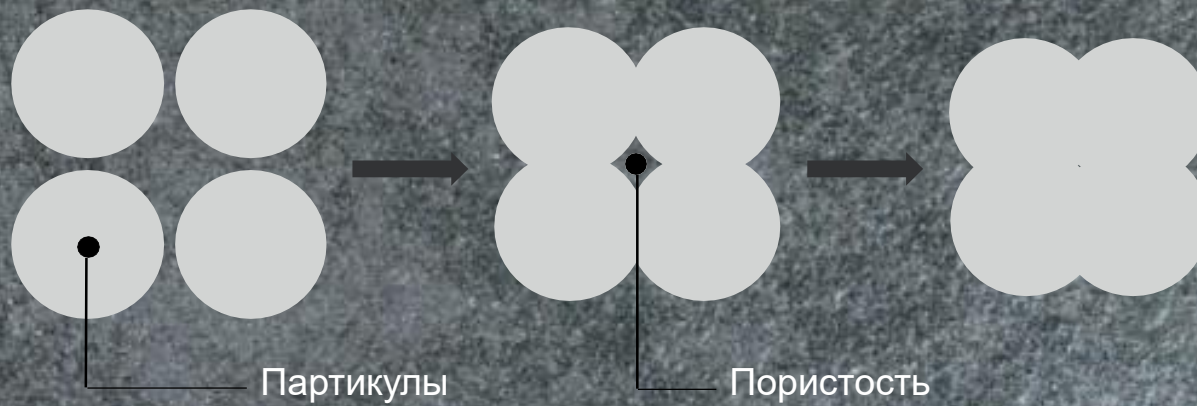


История компании



Глобальное присутствие







G1 - Шпат

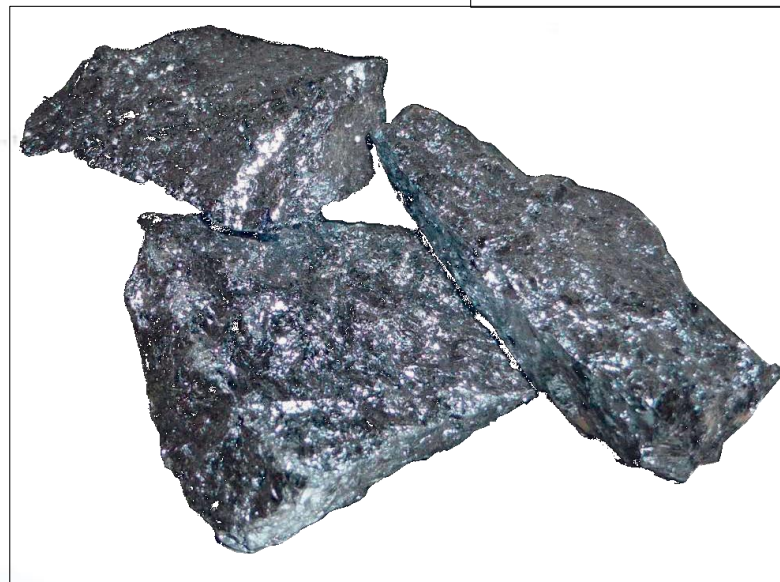


G1 - Кварц

G2 - Минеральное стекло



G2 - Кремь



G3 - Глинистые минералы



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Состав материала

Neolith[®] состоит из четырех групп сырья. Каждая из них по особенному влияет на свойства готового материала.

- G1- Гранитные минералы - твердость и прочность
- G2- Кремь и стеклянные минералы - химическая стабильность
- G3- Глинистые минералы - клейкие свойства и белизна
- G4- Натуральные пигменты - хроматические характеристики



Процесс производства



Пресс с давлением более
400 бар



Печь температурой выше
1200°C



Пресс

- Первый шаг заключается в измельчении каждого компонента до мельчайшего порошка.
- Порошки смешиваются в строго определённой пропорции и полученная смесь равномерно рассыпается на горизонтальной поверхности.
- Затем смесь проходит через пресс и формирует незакрепленную плиту готовую для декорации.
- Добавляется определенное, но ограниченное, количество воды.
- Пресс проходит при давлении до 15,000 фунтов на квадратный дюйм для надлежащего уплотнения слеба.



Обжиг

- Необожженные плиты помещают в печи при температуре ниже точки плавления минералов
- Из-за остекловывания может произойти ограниченное сжатие слеба..
- Во время обжига материал уплотняется и становится непористым.
- Примечание - не требуется экструзия.
- Пресс и обжиг обеспечивают сильные тонкие слэбы 3мм, 6мм, 12мм и 20мм толщиной.



Результат производства

Тонкие крупноформатные
плиты с превосходными
техническими
характеристиками которые
доступны в широкой гамме
дизайнов и обработок.

3.600x1.200 mm
142"x48"

3.200x1.500 mm
126"x60"

3.200x1.600 mm
126"x64"

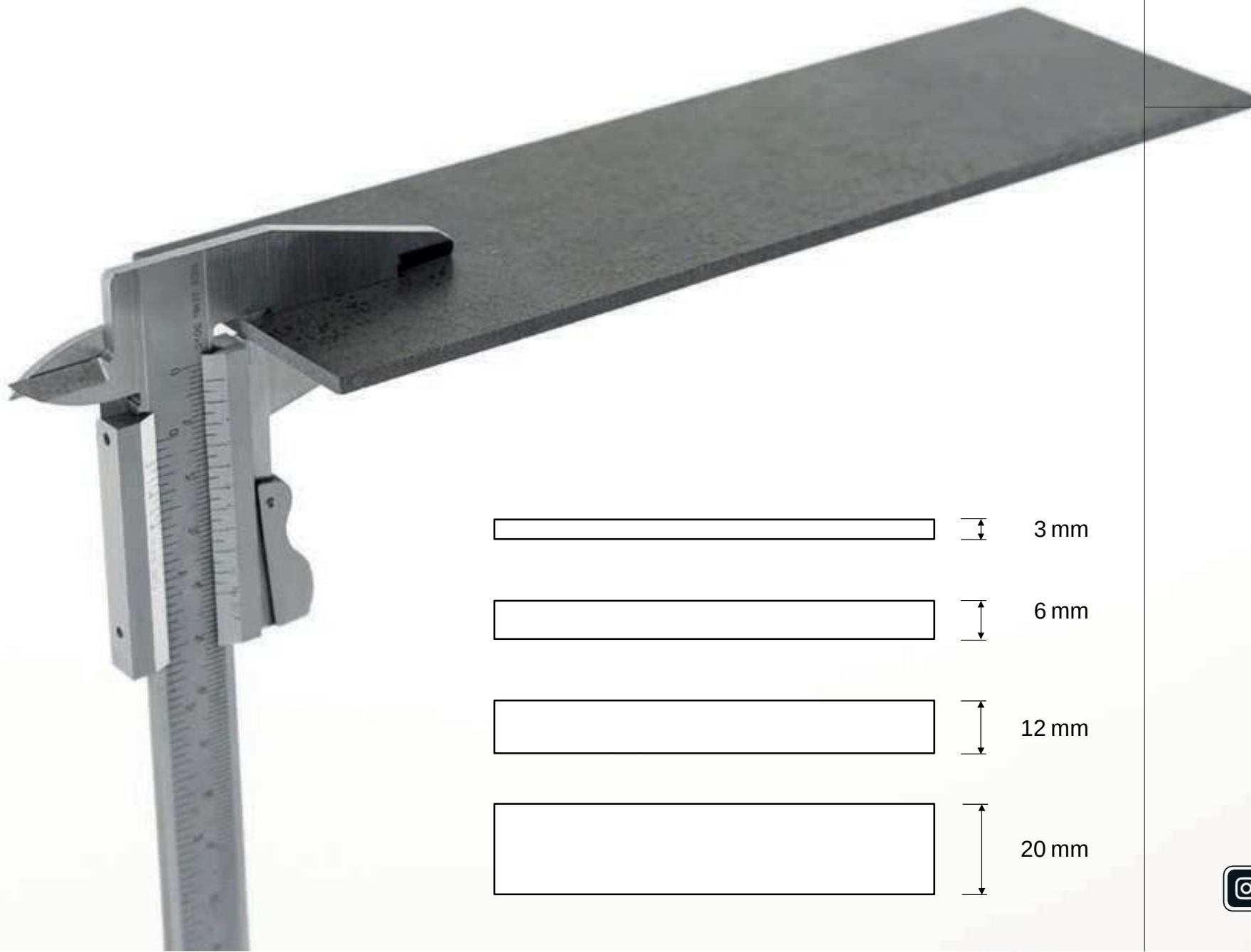
New

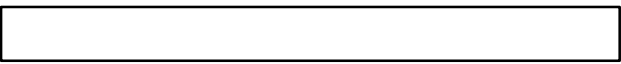
2.600x1.200 mm
102"x48"

2.600x1.500 mm*
102"x60"



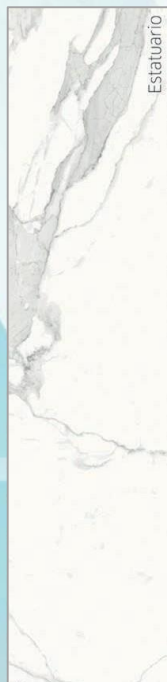
4 толщены



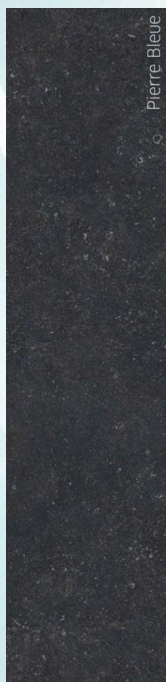
		3 mm
		6 mm
		12 mm
		20 mm

Дизайн

Более 50 дизайнов в 6
коллекциях.



Estatuário



Pierre Bleue



Iron Ash



Textil White



La Bohème BO1



Steel Marengo



Avorio

CLASSTONE^{NEOLITH}

FUSION^{NEOLITH}

IRON^{NEOLITH}

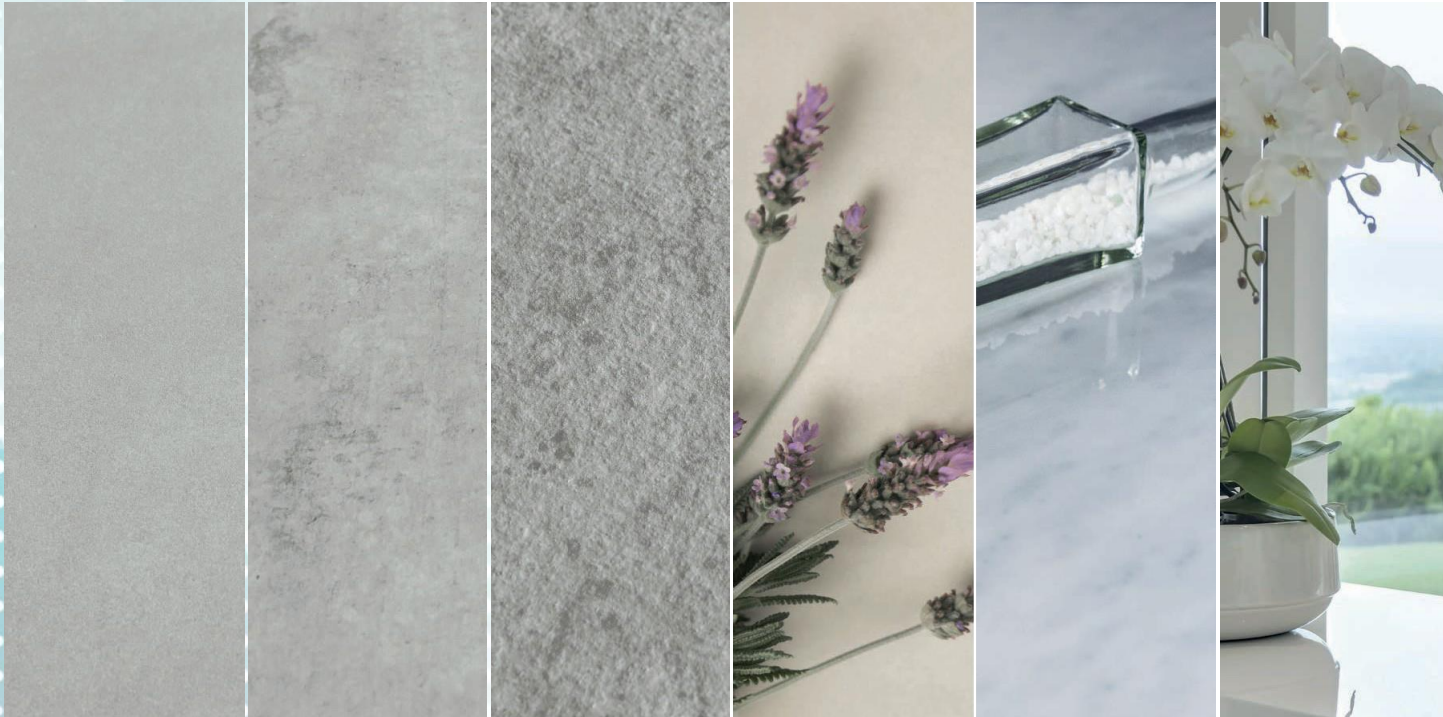
textil^{NEOLITH}

TIMBER^{NEOLITH}

STEEL^{NEOLITH}

COLORFEEL^{NEOLITH}

Обработки сlebов



SATIN
Completely matte finish. Highly resistant and ideal for commercial applications

SILK
Matte finish with a thin layer of glaze that provides a subtle shine and a nice soft touch. Surface finish that results extremely easy to clean.

RIVERWASHED
Finish with a rough texture and relief that evokes sensations to the touch.

NATURAL HONED
Honed texture typical of natural stones: flat, soft, without any glossiness and completely matte.

DÉCOR POLISHED
The Décor Polished confers a perfect linear reflection to the colours of the Classtone Collection which gains in depth and elegance.*.

NANOTECH POLISHED
With a high level of gloss, the Nanotech Polished confers a more sophisticated look to the Colorfeel Collection.



СТОЙЧИВОСТЬ К ВЫСОКИМ ТЕМПЕРАТУРАМ

Does not burn in contact with fire or let off smoke or toxic substances.



МАЛЫЙ ВЕС

The 3 mm board is only 7 kg/m² and the 12 mm board, 30 kg/m²



УСТОЙЧИВОСТЬ К ЦАРАПИНАМ

Resistant to scratching and abrasion due to the hardness of the surface.



УСТОЙЧИВОСТЬ К ИЗГИБУ

A high modulus of rupture. Resistant to high pressure and weight loads.



ПРИГОДНОСТЬ ПРИ БОЛЬШОЙ ПРОХОДИМОСТИ ЛЮДЕЙ

Due to the hardness of the surface.



ВОДОНЕПРОНИЦАЕМЫЙ

Waterproof and liquid-resistant. With an absorption level near zero.



УСТОЙЧИВОСТЬ К УЛЬТРАФИОЛЕТОВЫМ ЛУЧАМ

Since the color is 100% natural, it does not deteriorate due to exposure to the sun or extreme temperatures.



МОРОЗОСТОЙКОСТЬ

Neolith is not damaged by low temperatures.



ЛЕГКООЧИЩАЕМЫЙ

Resistant to chemical cleaning agents.



ГИГИЕНИЧНЫЙ

Does not release harmful substances. Completely suitable for contact with food.



100% ПРИРОДНЫЙ

Resin-free. Does not release any harmful substance into the environment.



100% ПЕРЕРАБАТЫВАЕМЫЙ

Up to 52% of any Neolith board is comprised of recycled raw materials.

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Технические характеристики



Technical Features

	NEOLITH	NEOLITH Polished	Кварц	Ламинаты и дерево	Твердые поверхности	Натуральные камни	Стали
Гигиеничный	● ● ●	● ● ●	● ● ●	●	● ● ●	●	● ● ●
Непористый	● ● ●	● ● ●	● ● ●	●	● ● ●	●	● ● ●
Подходит для использования на открытом воздухе	● ● ●	● ● ●	●	●	● ●	● ●	● ●
Устойчив к высоким температурам	● ● ●	● ● ●	● ●	●	●	● ●	● ● ●
Устойчив к окрашиванию	● ● ●	● ●	● ●	● ●	● ●	●	● ● ●
Устойчив к мощным средствам	● ● ●	● ●	● ●	● ●	●	●	●
Устойчив к химическим веществам	● ● ●	● ●	● ●	●	● ●	●	● ●
Устойчив к тепловому удару	● ● ●	● ● ●	● ●	●	● ●	● ● ●	● ● ●
Морозоустойчив	● ● ●	● ● ●	● ● ●	●	●	● ●	● ● ●
Устойчив к влажности	● ● ●	● ● ●	● ● ●	●	● ● ●	●	● ● ●
Устойчив к воздействию ультрафиолетовых лучей	● ● ●	● ● ●	● ●	●	●	● ●	● ● ●
Устойчив к царапинам и истиранию	● ● ●	● ●	● ●	●	●	● ●	●
Легко очищается	● ● ●	● ● ●	● ● ●	● ●	● ●	●	●

Think Green

Состав.



100% ПРИРОДНЫЙ

Resin-free. Does not release any harmful substance into the environment.



100% ПЕРЕРАБАТЫВАЕМЫЙ

Up to 52% of any Neolith board is comprised of recycled raw materials.



Greenguard Certification (formerly GREENGUARD Indoor Air Quality Certification): Certifies that Neolith® meets strict chemical emissions limits, contributing to a healthier interior.

Optimized energy consumption: Neolith's resistance to extremely high and low temperatures makes it ideal for ventilated façades. The thermal insulation and ventilation between the Neolith® façade and the building itself optimizes the building's Energy consumption considerably (up to 40%).



Greenguard Gold Certification (formerly known as GREENGUARD Children & Schools Certification): Certifies that Neolith is safe indoors for sensitive individuals (such as children and the elderly) and ensures that the product is acceptable for use in environments such as schools and healthcare facilities.

No gut remodels: Neolith's slim surface can be applied directly onto existing surfaces, saving remodelers from costly tear-outs while reducing landfill waste. No landfill waste means no waste transportation needed, further reducing net CO2 emissions.

Fewer raw materials, less erosion: Neolith's thin slabs use fewer raw materials, resulting in less soil erosion, without sacrificing any strength.



CE (European Commission) Certification: Confirms that Neolith® meets European safety, health and environmental protection requirements.

CO2 Emissions Reduction: A slimmer slab means a lighter slab. With Neolith, it's possible to transport more than double the amount of surface per container than with thicker products like marble, granite or quartz. The lighter weight allows for a more fuel efficient journey and considerable reductions in CO2 emissions.

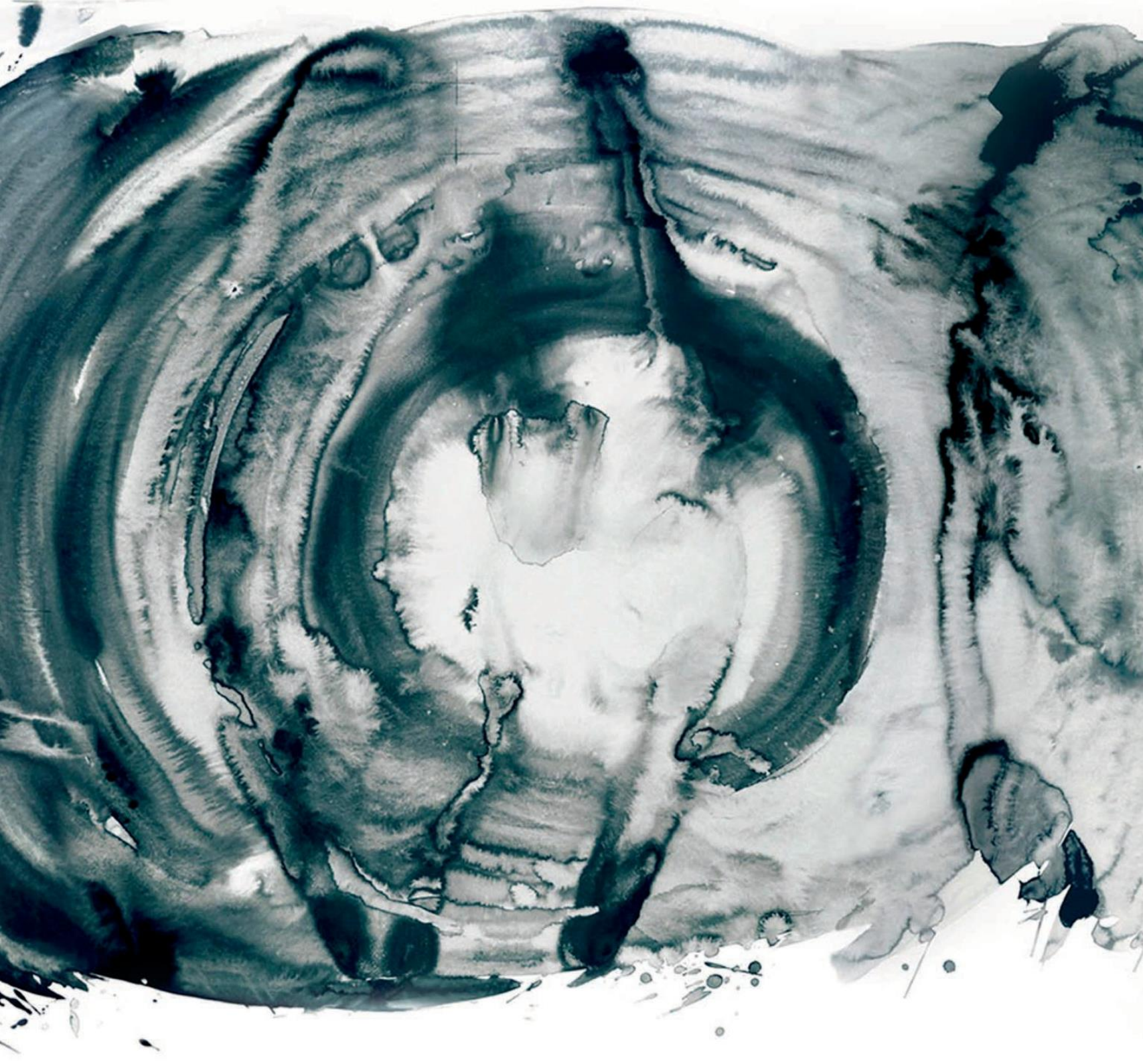


LEED Points Earner: LEED, Leadership in Energy and Environmental Design, is a program that provides third-party verification of green buildings. Neolith® satisfies safety prerequisites and earns points to help consumers achieve the desired level of certification for their home or commercial project.

10 years—warranty: Neolith® comes with a manufacturer's guarantee of 10 years and does not need frequent replacement or maintenance treatments like other surfaces materials. Neolith® gives designers, architects and other industry professionals confidence that their aesthetically-appealing design Decisions are equally appealing to the environment.



Member of the U.S. Green Building Council (USGBC): The USGBC, the council that oversees LEED, allows advocates for green-building policies and practices to come together.



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Индивидуальные
дизайны
Enigma



Индивидуальные дизайны Enigma

The story of ENIGMA started with renowned Catalan chef Albert Adrià's vision to create a 'frozen and enigmatic' restaurant project that was to reflect his cuisine as well as his career.

His vision took shape when 2017 Pritzker Prize winners RCR Arquitectes drew their design idea in watercolours and decided to bring it to life with the help of Neolith® by TheSize, manufacturer and designer of Sintered Stone.

The pivotal moment in terms of design came when RCR in collaboration with architect Pau Llimona drew a watercolour painting in the size of two A3 papers, which was to be applied to the floors, walls, bathrooms, kitchen worktops, cabinetry and air extraction systems.

However, a watercolour design has not been done on Sintered Stone before, thus posing an unprecedented challenge.

The architects wanted every slab to be of irregular texture like Neolith's Riverwashed, but with a subtle shine to provide a surface that is multisensory - interesting to the eye and inviting to touch. "Neolith® is a contemporary material with many properties. We have been so surprised by its possibilities that we are now using it for other projects", RCR explain.

This is ENIGMA

Albert Adrià, RCR Arquitectes and Neolith® are all award winners within their respective industries. Together they created a project that is truly spectacular in terms of design, material quality, food, and surprisingly fashion. Completing the scene is the ENIGMA staff, whose uniforms have also been designed by RCR/P. Llimona. ENIGMA truly is full of surprises the architects say: "We like the idea that it is an Enigma, which is difficult to explain. It is an enveloping space that melts, disappears, almost a labyrinth. Between materiality and conformation, a whole series of organic movements is created. Shadows, transparencies, and a watery presence, nebular."

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Enigma



NEOLITH[®]
SINTERED STONE

Enigma



Фасады



Кухни



Мебель



Применения

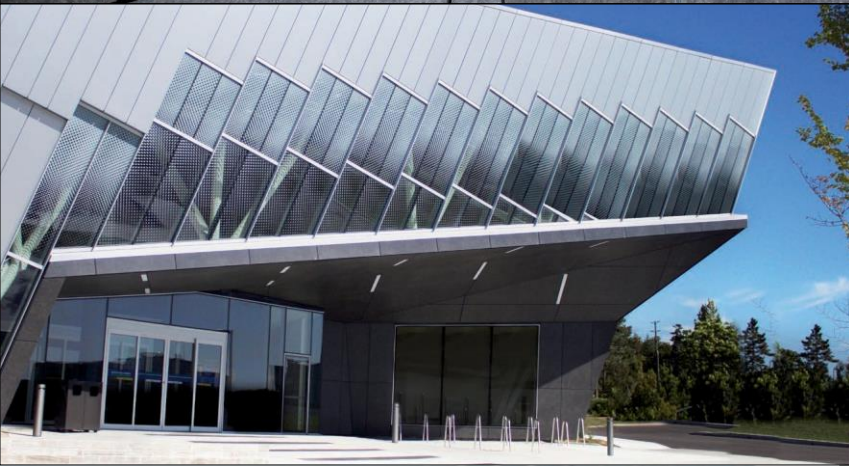
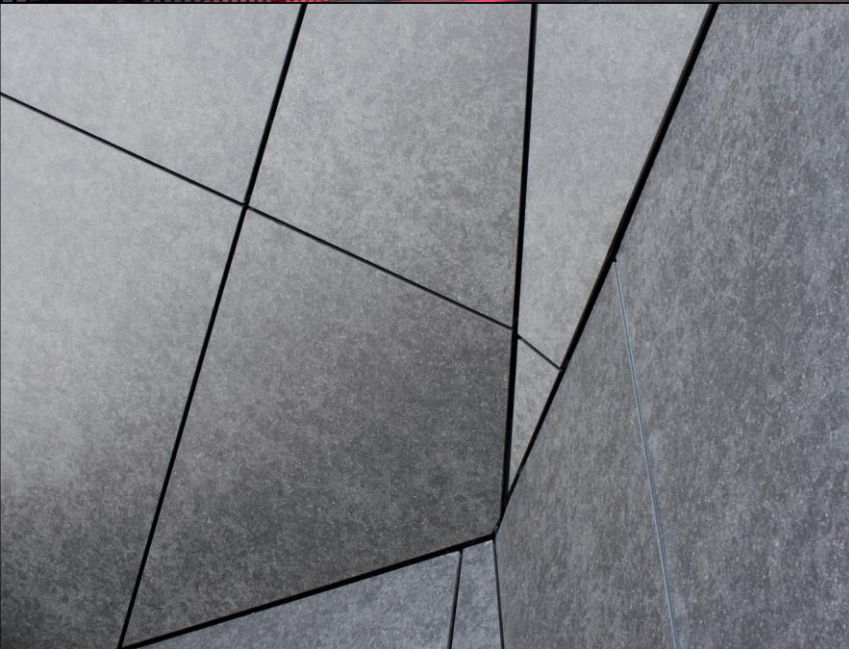
Ванные комнаты



Внутренняя отделка

Фасады

- Минимальная толщина обеспечивающая легкость плит.
- Устойчивость к воздействию ультрафиолетовых лучей.
- Антифриз.
- Анти-граффити.
- Устойчивость к высоким температурам
- Легкость в замене.
- Теплоизоляция.
- Широкая гамма дизайнов



NEOLITH[®]
SINTERED STONE

Кухни

- Устойчивость от пятен
- Устойчивость к высоким температурам и огню.
- Устойчивость к царапинам.
- Кислотоустойчивость.
- Устойчивость к воздействию ультрафиолетовых лучей.
- Сертификация NSF.



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Ванные комнаты





NEOLITH[®]
SINTERED STONE

Внутренняя
отделка



NEOLITH[®]
SINTERED STONE

Мебель

- Минимальная толщина.
- Беспрецедентный дизайн.
- Многофункциональность.
- Устойчивость к воздействию ультрафиолетовых лучей.
- Устойчивость к царапинам.
- Устойчивость к пятнам.



Produced by:

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SURFACES

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