

*Emcer*<sup>®</sup>

MARMO DI CERAMICHE

# SURFACE

COLLECTION 2021

**éSLAB**  
crafted differently

800X2400MM

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Indice



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**800X2400MM**



**No Limits To Space.  
No Limits To Design**



A never before seen event has happened in the tile industry wherein two giants SOL and Sanford have joined hands for a complete makeover of the ceramic industry. Both these companies have a sole ambition to redo the types of designs and quality floating in the market and present something which is completely new in its design sense and quality standards.

Emcer e-slab the leading manufacturer of e-slabs in India proved their existence in the World Ceramic Industry by achieving heights and reaching to the top in span of two years. Emcer proved that being a Quality and Research oriented organization is the key to success, which Emcer maintained from day one of the production of their e-slabs.

With their Mantra of success, Emcer managed to fill the void between design and quality by fulfilling the both criterias and created a benchmark in the world. With their highly qualified design and research team Emcer managed to achieve the peak by mapping every minute details of the products.

***At Emcer -***

***" We believe in making the world more beautiful with best Quality Products and Innovative Designs".***

***Management  
Emcer***

[www.emcer.in](http://www.emcer.in)

# Everlasting Design Enormous Extra Thin & Light Eco Friendly Eternal Feel

**éSLAB is the true testimony  
of modern architecture.**

It is a new architectural concept that goes beyond a single slab: it allows designers to reinvent design criteria, giving them the maximum freedom and a minimum of limitations.

it is a material that combines the established, classical characteristics with new high performance qualities: strength, lightweight, flexibility and durability.

ESLAB allow architects to design a space ranging from simple flooring or coverings for large and small surfaces to object-based applications and furnishing accessories to enhance the world we live in. with eSLAB we have created a world where big is beautiful, with visually expanded spaces, fewer design and endless possibilities. on the one hand the eSLAB drastically reduces the amount of interruptions to the design unit, on the other the range of sub-multiples ensures great versatility for every and all needs.

**éSLAB**  
crafted differently

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formatos y acabados /  
formats et finitions

# Sizes & Finishes

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tecnología/  
La technologie

# Techno- logy

Man may not have survived if fire was not discovered. Mankind may have stagnated if wheel was not invented. Humans would still have been nomadic, if agriculture was not found. These may have been rudimentary technologies, but their impact in transforming humanity has been phenomenal.

The fact that technology helps humanity transform, evolve and grow is not lost on us. Hence, we always value technology and encourage innovation. In fact, technology is our man Friday and innovation is our middle name.

We are proud of the non-conventional technology that we use along with the latest innovation in digital glazing that helps us produce the never-before seen slabs that are absolutely flat.

**SYSTEM**  
Ceramics

**LB**

**SMAC**

**TECNO FERRARI**

**LAMGEA**



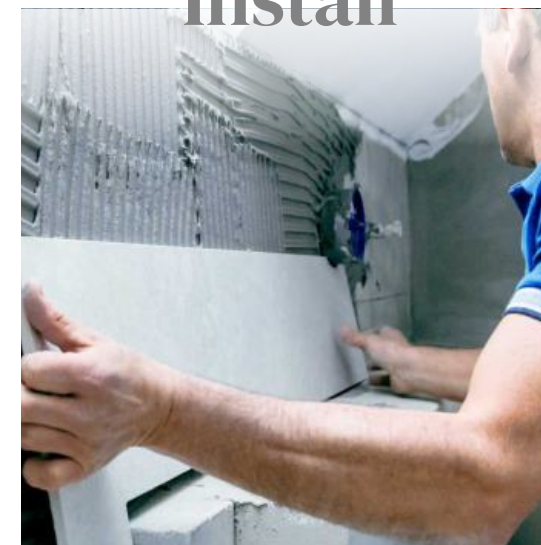
características /  
Caractéristiques

# Feature

**Emcer**<sup>®</sup>  
MARMO DI CERAMICHE

**éSLAB**  
crafted differently

## Easy to Install



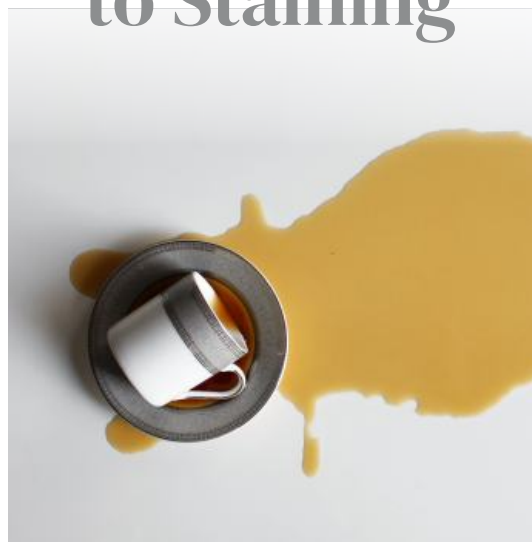
Fácil de instalar /  
Facile à installer

## Ecology & Sustainable



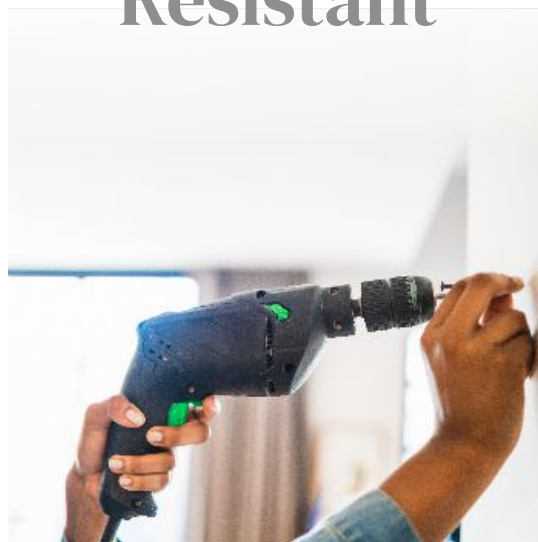
Ecología y Sostenible /  
Écologie et Durable

## Resistant to Staining



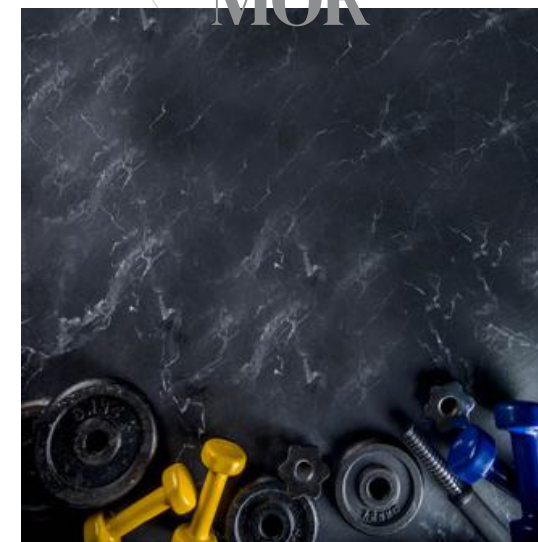
Resistente a las manchas /  
Résistant aux taches

## Impact Resistant



Resistente al impacto /  
Résistant aux chocs

## High MOR



Alta MOR /  
MOR élevé

## Thermal shock Resistant



Resistente al choque térmico /  
Résistant aux chocs thermiques

## Acid Resistant



Resistente al ácido /  
Résistant aux acides

## Easy to Clean



Fácil de limpiar /  
Facile à nettoyer

## Frost Resistant



Resistente a las heladas /  
Résistant au gel

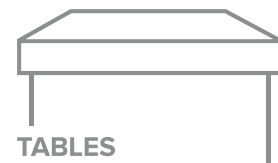


aplicaciones /  
applications

# Applications

COUNTERTOPS





# Applications

aplicaciones /  
applications











colecciones /  
collections

# Collec- tion

eslab allows you to make a custom design for each project, adapting its format to the needs of the space. Modulations and cuts are no longer a limitation, achieving completely unique and exclusive settings.



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MARMO DI CERAMICHE

**éSLAB**  
crafted differently

**800X  
2400MM**  
**STONIC**

[www.emcer.in](http://www.emcer.in)

Azure  
Bianco

Size  
800X2400MM  
Random  
2  
Finish  
Digi Matt  
Thickness  
6MM



[www.emcer.in](http://www.emcer.in)

Features

- Easy to install
- Resistant to Staining
- Impact resistant
- High MOR
- Thermal shock resistant
- Ecology & Sustainable
- Acid resistant
- Easy to clean
- Frost resistant





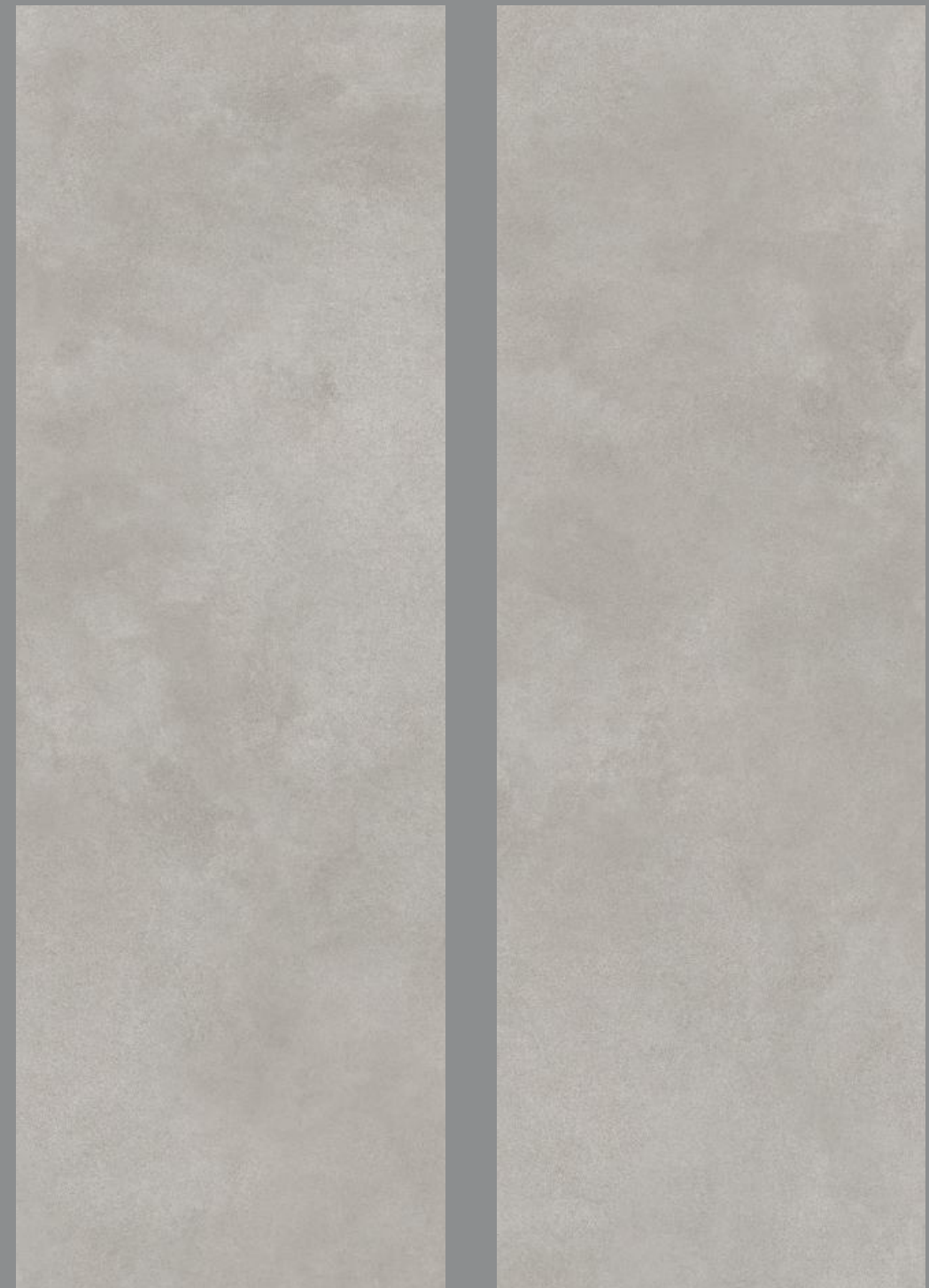
Size  
800X2400MM

Finish  
Digi Matt

Random  
2


Thickness  
6MM

Azure  
Grey



[www.emcer.in](http://www.emcer.in)

Features

- |   |   |  |   |   |
|---|---|--|---|---|
|  Easy to install       |  Resistant to Staining |  Impact resistant |  High MOR        |  Thermal shock resistant |
|  Ecology & Sustainable |  Acid resistant        |  Easy to clean    |  Frost resistant |   |



Azure  
Smoke

Size  
800X2400MM  
Random  
2  
Finish  
Digi Matt  
Thickness  
6MM

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MARMO DI CERAMICHE



éSLAB | STONIC  
crafted differently

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Features



Easy to  
install



Resistant to  
Staining



Impact resistant



High MOR



Thermal shock  
resistant



Ecology &  
Sustainable



Acid resistant



Easy to  
clean



Frost  
resistant





Size  
800X2400MM

Finish  
Digi Matt

Random  
2

Thickness  
6MM

## Azure Moca



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### Features



Easy to  
install



Resistant to  
Staining



Impact resistant



High MOR



Thermal shock  
resistant



Ecology &  
Sustainable



Acid resistant



Easy to  
clean

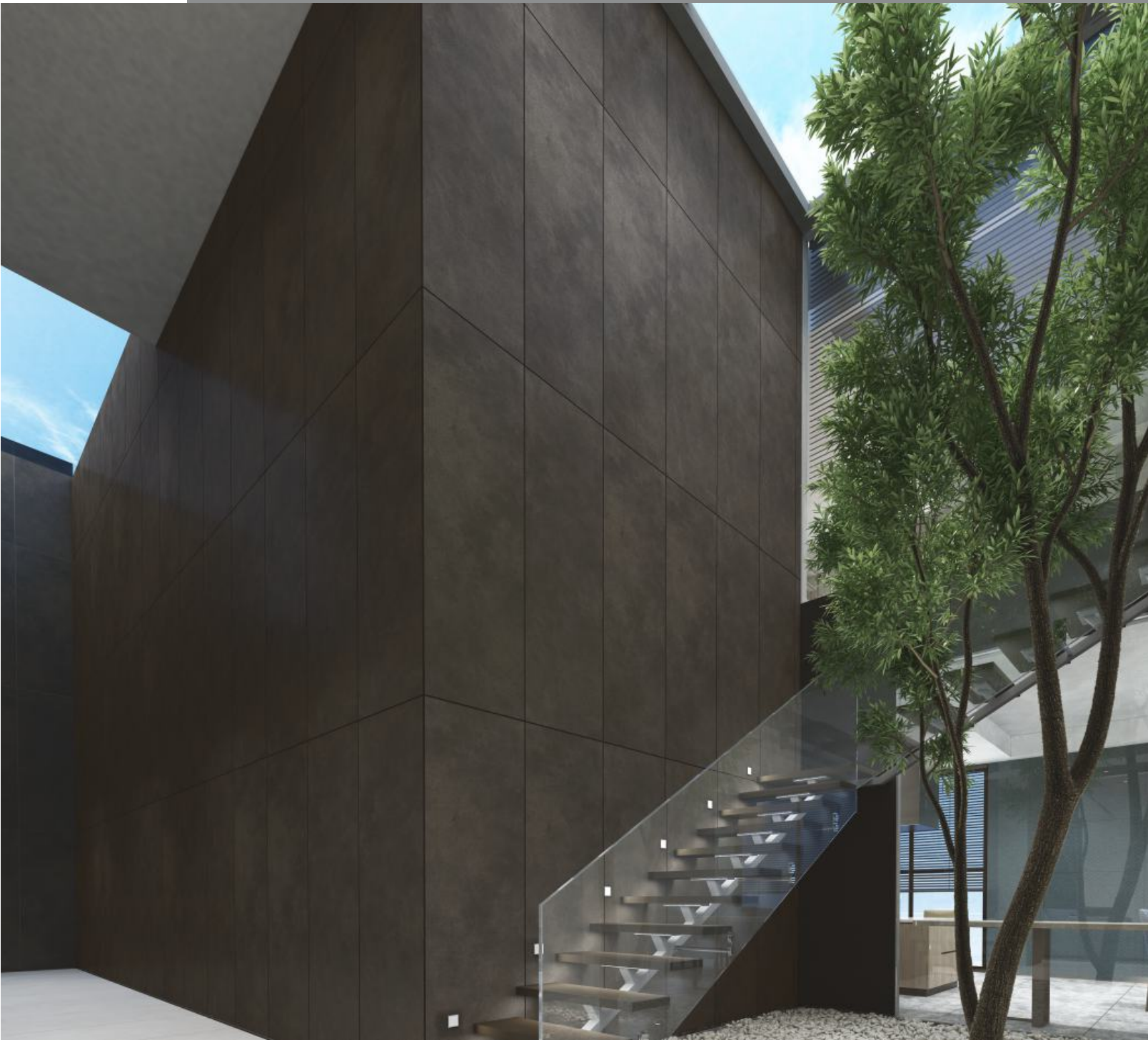


Frost  
resistant



Azure  
Nero

Size  
800X2400MM  
Random  
2  
Finish  
Digi Matt  
Thickness  
6MM



[www.emcer.in](http://www.emcer.in)

Features

- Easy to install
- Resistant to Staining
- Impact resistant
- High MOR
- Thermal shock resistant
- Ecology & Sustainable
- Acid resistant
- Easy to clean
- Frost resistant





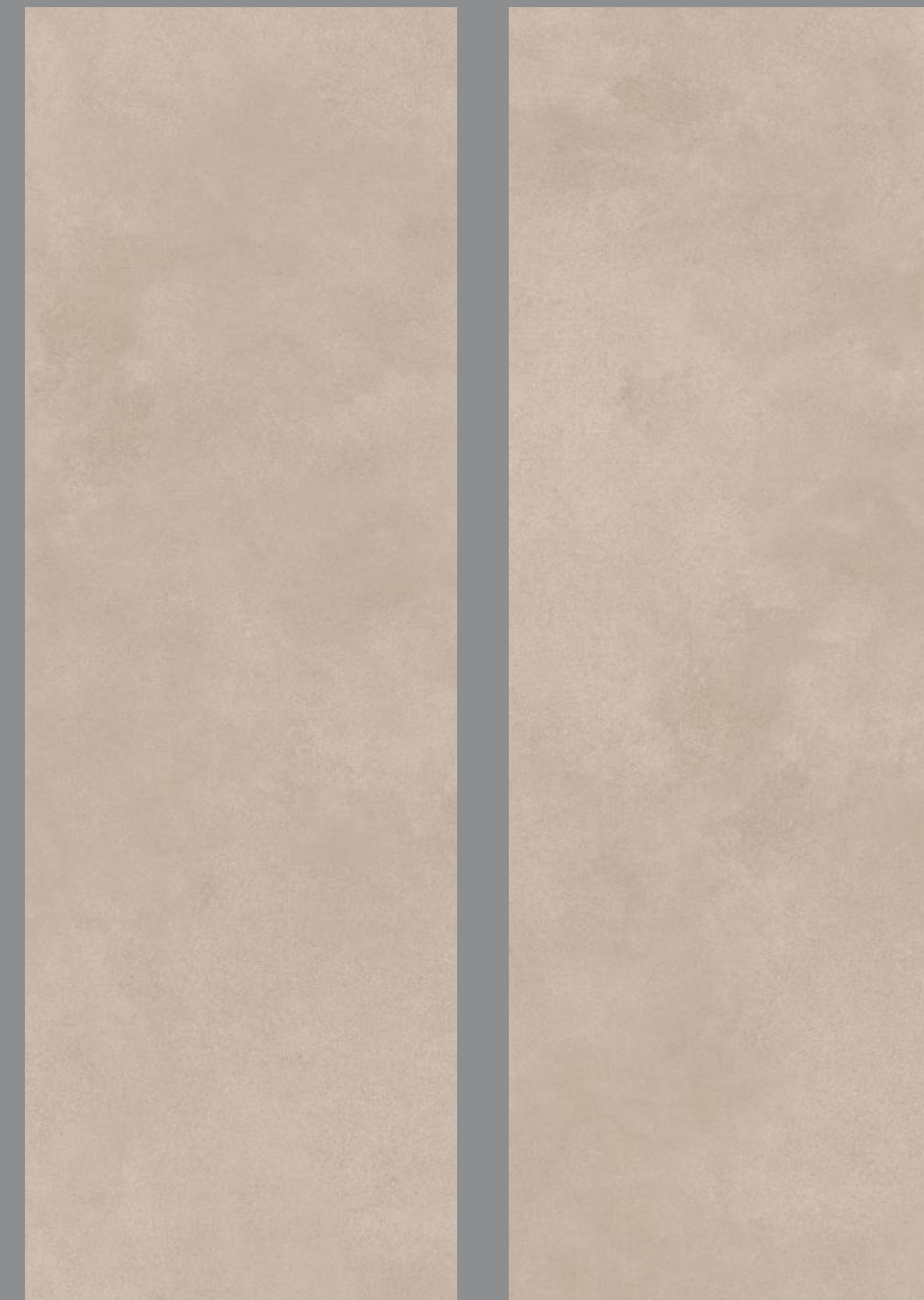
Size  
800X2400MM

Finish  
Digi Matt

Random  
2

Thickness  
6MM

Azure  
Brown



[www.emcer.in](http://www.emcer.in)

#### Features



Easy to  
install



Resistant to  
Staining



Impact resistant



High MOR



Thermal shock  
resistant



Ecology &  
Sustainable



Acid resistant



Easy to  
clean

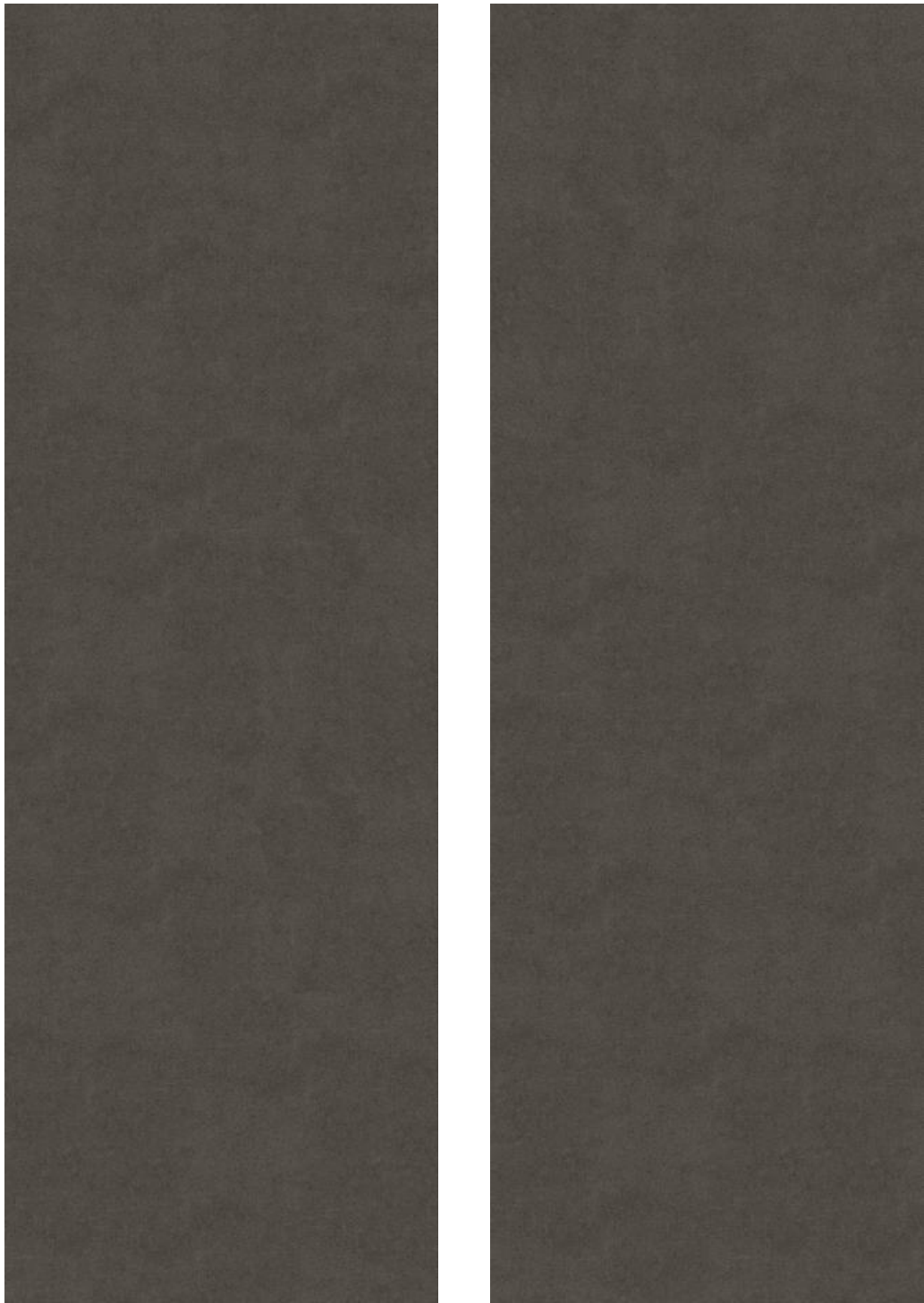


Frost  
resistant



Norway  
Cemento Nero

Size  
800X2400MM  
Random  
2  
Finish  
Digi Matt  
Thickness  
6MM



[www.emcer.in](http://www.emcer.in)

Features

- Easy to install
- Resistant to Staining
- Impact resistant
- High MOR
- Thermal shock resistant
- Ecology & Sustainable
- Acid resistant
- Easy to clean
- Frost resistant





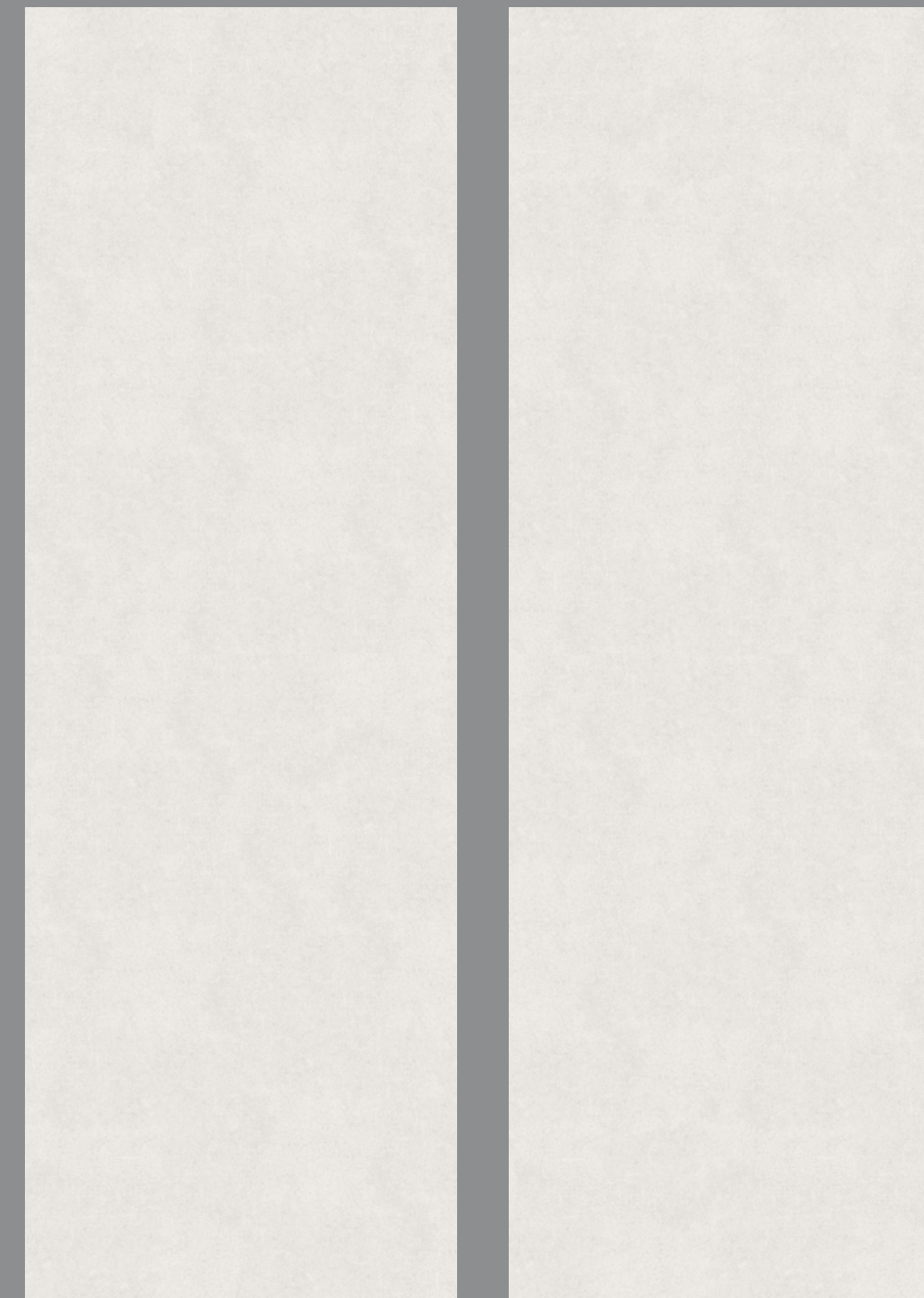
Size  
800X2400MM

Finish  
Digi Matt

Random  
2

Thickness  
6MM

## Norway Cemento Bianco



### Features



Easy to  
install



Resistant to  
Staining



Impact resistant



High MOR



Thermal shock  
resistant



Ecology &  
Sustainable



Acid resistant



Easy to  
clean

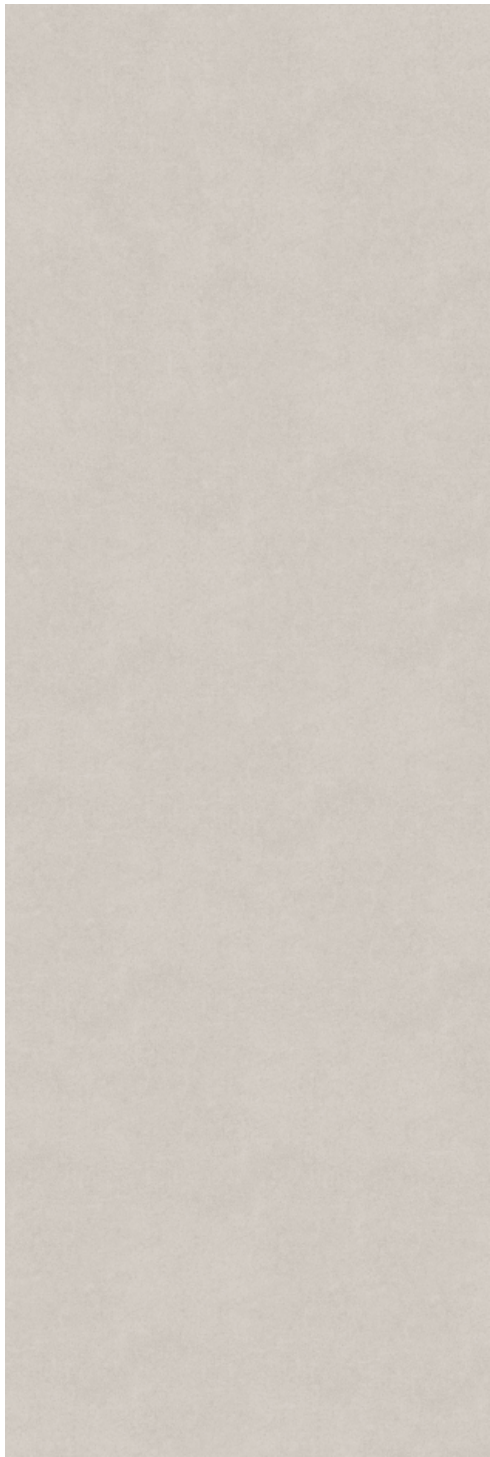
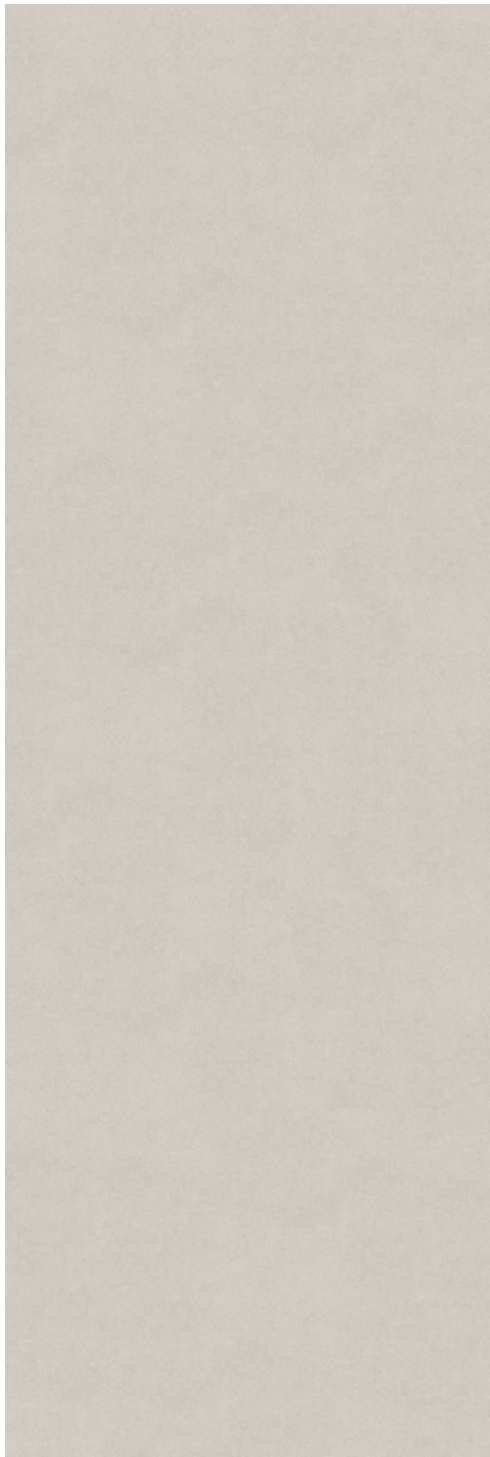


Frost  
resistant



Norway  
Cemento Grey

Size  
800X2400MM  
Random  
2  
Finish  
Digi Matt  
Thickness  
6MM



Features

- Easy to install
- Resistant to Staining
- Impact resistant
- High MOR
- Thermal shock resistant
- Ecology & Sustainable
- Acid resistant
- Easy to clean
- Frost resistant





Size  
800X2400MM

Random  
1

Finish  
Digi Matt

Thickness  
6MM

## Alps Statuario



[www.emcer.in](http://www.emcer.in)

### Features



Easy to  
install



Resistant to  
Staining



Impact resistant



High MOR



Thermal shock  
resistant



Ecology &  
Sustainable



Acid resistant



Easy to  
clean



Frost  
resistant

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**éSLAB**  
crafted differently

**800X  
2400MM**  
**SOLID STONE**

[www.emcer.in](http://www.emcer.in)





Size  
800X2400MM

Finish  
Solid Colors Matt

Random  
1

Thickness  
6MM

Exotic  
White



[www.emcer.in](http://www.emcer.in)

#### Features



Easy to  
install



Resistant to  
Staining



Impact resistant



High MOR



Thermal shock  
resistant



Ecology &  
Sustainable



Acid resistant



Easy to  
clean



Frost  
resistant

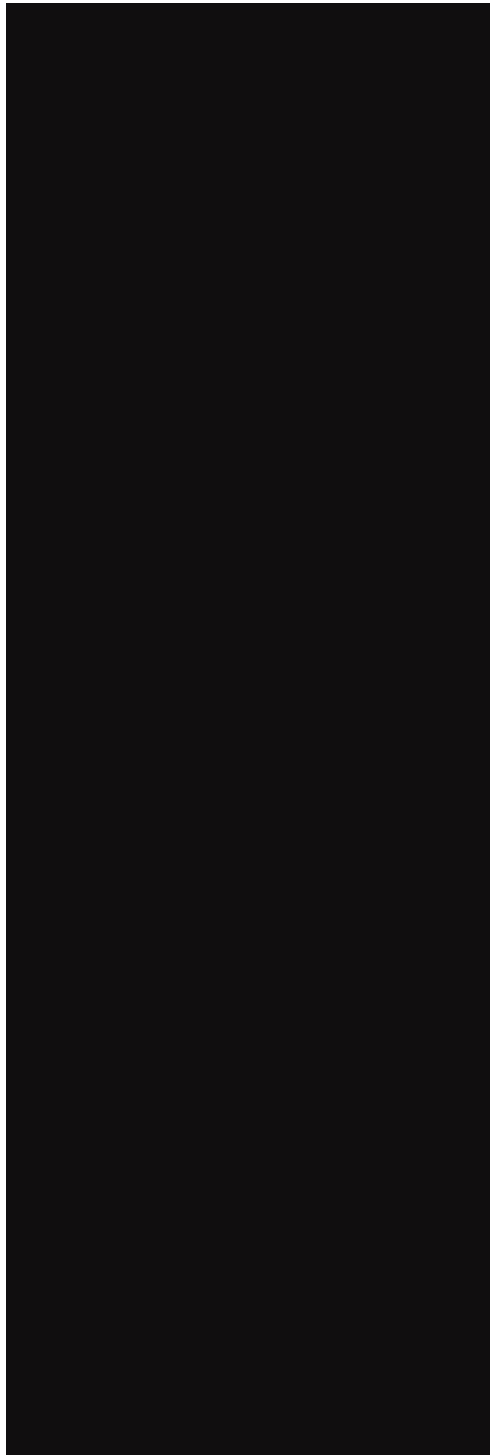
Exotic  
Black

Size  
800X2400MM

Finish  
Solid Colors Matt

Random  
1

Thickness  
6MM



Features

- |   |   |  |   |   |
|---|---|--|---|---|
|  Easy to install       |  Resistant to Staining |  Impact resistant |  High MOR        |  Thermal shock resistant |
|  Ecology & Sustainable |  Acid resistant        |  Easy to clean    |  Frost resistant |   |





Size  
800X2400MM

Finish  
Solid Colors Matt

Random  
1

Thickness  
6MM

Exotic  
Dark Grey



**éSLAB** | **SOLID STONE**  
crafted differently

[www.emcer.in](http://www.emcer.in)

#### Features



Easy to  
install



Resistant to  
Staining



Impact resistant



High MOR



Thermal shock  
resistant



Ecology &  
Sustainable



Acid resistant



Easy to  
clean



Frost  
resistant

Exotic  
Grey

Size  
800X2400MM

Finish  
Solid Colors Matt

Random  
1

Thickness  
6MM



Features

- Easy to install
- Resistant to Staining
- Impact resistant
- High MOR
- Thermal shock resistant
- Ecology & Sustainable
- Acid resistant
- Easy to clean
- Frost resistant





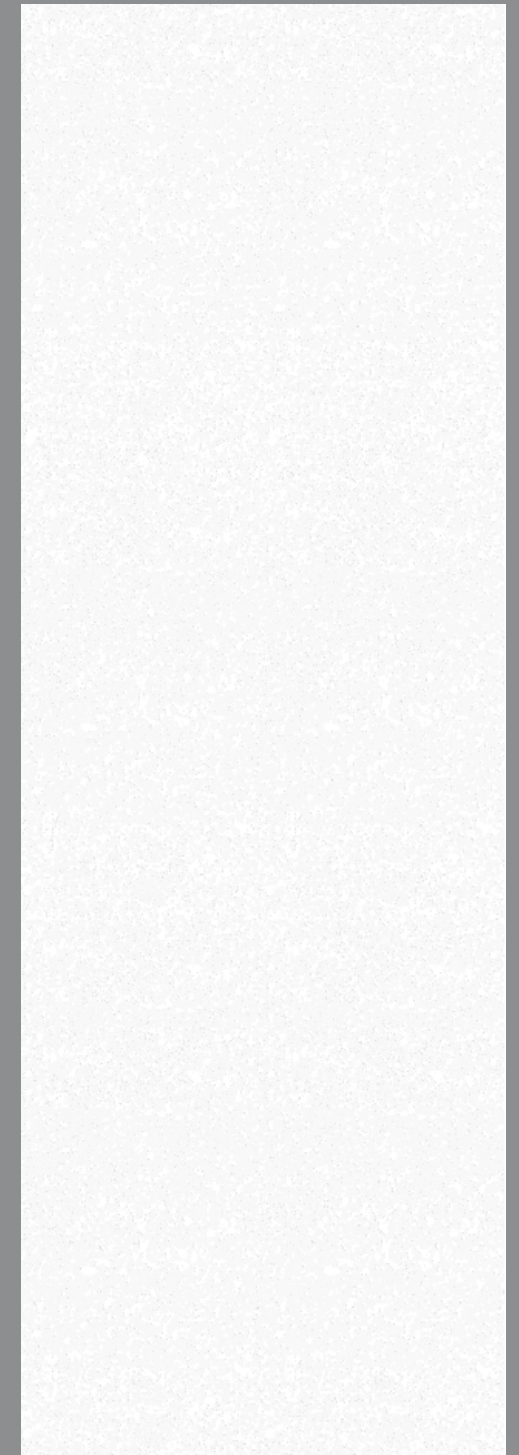
Size  
800X2400MM

Random  
1

Finish  
Solid Colors Matt

Thickness  
6MM

Sparkle  
Exotic White



#### Features



Easy to  
install



Resistant to  
Staining



Impact resistant



High MOR



Thermal shock  
resistant



Ecology &  
Sustainable



Acid resistant



Easy to  
clean



Frost  
resistant



Sparkle  
Exotic Black

Size  
800X2400MM

Finish  
Solid Colors Matt

Random  
1

Thickness  
6MM



[www.emcer.in](http://www.emcer.in)

Features

- Easy to install
- Resistant to Staining
- Impact resistant
- High MOR
- Thermal shock resistant
- Ecology & Sustainable
- Acid resistant
- Easy to clean
- Frost resistant





Size  
800X2400MM

Random  
1

Finish  
Solid Colors Matt

Thickness  
6MM



Sparkle  
Exotic Dark Grey



Sparkle  
Exotic Grey



#### Features



Easy to  
install



Resistant to  
Staining



Impact resistant



High MOR



Thermal shock  
resistant



Ecology &  
Sustainable



Acid resistant



Easy to  
clean



Frost  
resistant

## ESLAB INSTALLATION INSTRUCTION

Follow the instruction for better and smooth execution of Emcer eSlab Products.



# 01

Apply cement mortar bedding on the surface and spread the entire mortar evenly. For flattened surface approximately 9mm thick cement mortar bedding is preferred.

# 02

The drying time of cement mortar bedding is approximately 48 hours, as it will exceed the contraction and expansion of feature of cement.



# 03

Apply approximately 10mm thick tile fixing adhesive on the prepared cement bed, spread the same by using metal comb (12mm) to the entire surface (Refer the image). This feature will allow to be fixed without any air pocket after installation.

The Same Method has to followed for applying the tile fixing adhesive on the back of the slab for 10mm, while holding the slab on its length side. Then, the adhesive has to be combed in the same way as done on the floor.

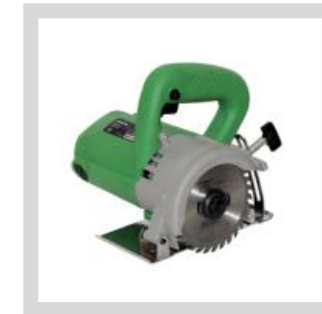


# 04

## ESLAB HANDLING

eSlab can be properly handled and lifted by Vacuum cups. Vacuum cups are usually used to life glasses, it can be fixed on the surface of polished tile, to lift it to the exact area of the fixing. (May not very effective for satin and matt surfaces.)

Once the slab is laid, the same has to be hammered by soft wooden base hammer to ensure proper laying and fixing.



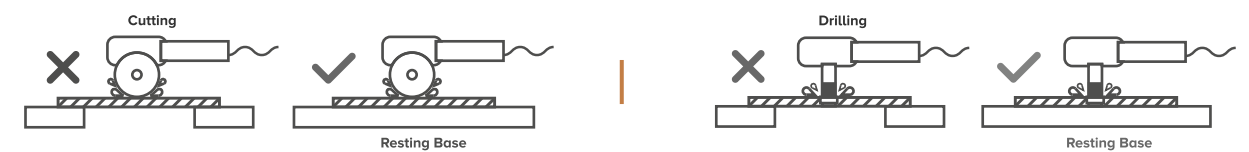
# 05

## ESLAB CUTTING AND HANDLING

Use diamond tools which are generally use to cut glasses, for cutting any surface of eSlab. First, a line has to be drawn on the surface pressing the tool considerably to ensure a deep cut mark line and this can be used till the slab is cut deep to the level of 1 to 2mm and then can be cut with a proper cutting tool for cutting the 9mm thick body of the slab. Cutting systems are also available with companies manufacturing such systems.

# 06

## ESLAB CUTTING AND DRILLING METHODS





## ESLAB CARE AND MAINTENANCE

These are the so-called final cleaning operations: this is the most important step, as it influences the results of the subsequent use of the product. Its purpose is to remove any trace or residue of foreign matter from the surface of the slabs. If you have used a cement-based sealant during installation, once the grout has dried, Emcer recommends carrying out the following operations:

- Remove any coarse dirt using a vacuum cleaner;
- Wet the floor with clean water in order to soak and protect the joints against the corrosive action of the detergent;
- Clean using a suitable acid detergent, which can be applied by hand (with a clean cloth) or with a machine (a single-brush machine with medium, non-abrasive bristles or a high-pressure water cleaner);
- Soak up the cleaning solution with a clean cloth or a suitable vacuum cleaner;
- Thoroughly rinse surfaces with clean, warm water to neutralise the action of the detergent;
- Remove any build-up by scraping it off;
- If needed, clean the surface again with the single-brush machine, using a diluted neutral or alkaline detergent, then rinse using clean warm water and dry.
- If an epoxy sealant has been used during installation of the product, given the chemical nature of such product, any remaining residue on the porcelain tile's surface should be removed before the grout has hardened completely and carefully follow the instructions supplied by the manufacturer.



## Technical Specification

CHARACTERISTICS	STANDARD AS PER ISO-13006/En14411 GROUP	VALUES	TEST METHOD
REGULATORY PROPERTIES			
Deviation in Lenth & Width	0.50%	0.20%	ISO - 10545-2
Deviation in Thickness	0.50%	0.50%	ISO - 10545-2
Straightness of Sides	0.50%	0.20%	ISO - 10545-2
Rectangularity	0.50%	0.20%	ISO - 10545-2
Surface Flatness	0.50%	0.20%	ISO - 10545-2
Color Difference	Unaltered	No Change	ISO - 10545-16
Glossiness	As per Mfg.	>90%	Glossmeter
STRUCTURAL PROPERTIES			
Water Absorption	<0.05%	<0.05%	ISO - 10545-3
Apparent Density	>2.00 g/cc	>2.10 g/cc	DIN 51082
MASSIVE MECHANICAL PROPERTIES			
Modulus of Repture	Min 35N/MM2	Min 40N/MM2	ISO - 10545-4
Breaking Strength	Min. 1300 N	Min. 2000 N	ISO - 10545-4
Impact Resistance	As per Mfg.	Min. 0.55	ISO - 10545-5
SURFACE MECHANICAL PROPERTIES			
Surface Abrasion Resistance	As per Mfg.	Min. class 3	ISO - 10545-7
Moh's Hardness	As per Mfg.	Min. class 4	EN 101
THERMO HYGROMETRIC PROPERTIES			
Frost Resistance	No Damage	No Damage	ISO - 10545-12
Thermal Shock Resistance	No Damage	No Damage	ISO - 10545-09
Moisture Expansion	Nil	Nil	ISO - 10545-10
Thermal Expansion	Max 9.0x10 -6	Max 6.5x10 -6	ISO - 10545-08
Crazing Resistance	As per Mfg.	Min 10 Cycle	ISO - 10545-11
CHEMICAL PROPERTIES			
Chemical Resistance	No Damage	No Damage	ISO - 10545-13
Stain Resistance	Resistant	Resistant	ISO - 10545-14
SAFETY PROPERTIES			
Slip Resistance	As per Mfg.	>0.40	ISO - 10545-17
Fire Resistance	As per Mfg.	Fire Proof	N.A.

## Packing Detail

SIZE (in mm)	THICKNESS APPROX	PIECES / PER BOX	COVERAGE AREA IN SQ. FT	BOX WEIGHT ( APPROX. )
800X2400	6 MM	2	41.33	54 KG

## Certifications



**NOTE:** Colour Shown are as accurate as the limitations of the printing process will allow. Prospective Customer are advised to inspect a sample of tiles before ordering. every effort has been made to ensure the accuracy of the information given. However, the Company research the right to change the specifications Without prior notice. Sometimes variations in shade or size being inherent to ceramic industry may occur. Before fixing, we advice you to follow the fixing Instruction on the cartons of the tiles as no responsibility can be accepted by the once the tiles have been fixed.



### **EMCER TILES PVT. LTD.**

#### **HEAD OFFICE**

702-703, Iscon Elegance, Near Shapath V, S.G. Highway,  
Ahmedabad - 380015, (Gujarat) INDIA.

#### **EMCER FACTORY**

Emcer Premises, Survey No.: 117 P2 & P3, Opp. Sanford Vitrified,  
Sartanpar Road, Ta.: Wankaner, Dist.: Morbi - 363621 (Gujarat) INDIA.

#### **EMCER DELHI**

Emcer House, D 19, Mayapuri Industrial Area Phase 2,  
New Delhi - 110064, INDIA.

#### **EMCER KOLKATA**

5, Paschim Chaubhaga, Arupota, Post Dalanda,  
Besides Mercedes Service Center, Kolkata - 700105 (West Bengal), INDIA.