

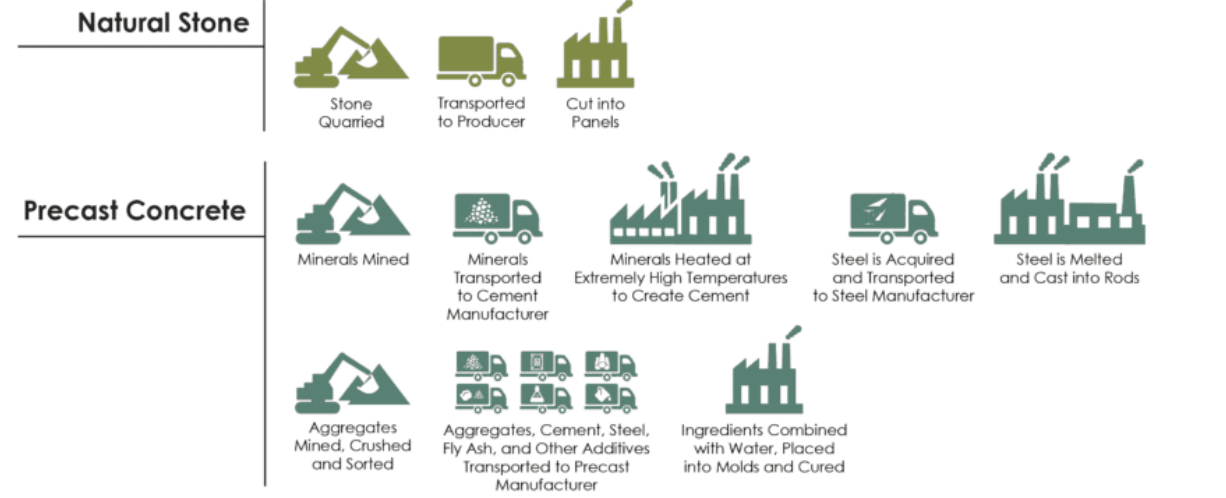
Natural Stone

سنگ طبیعی



Comparing Manufacturing Impacts

Natural Stone vs Precast Concrete



READ MORE AT USENATURALSTONE.ORG

Natural Stone as a Green Material

فرآوانی

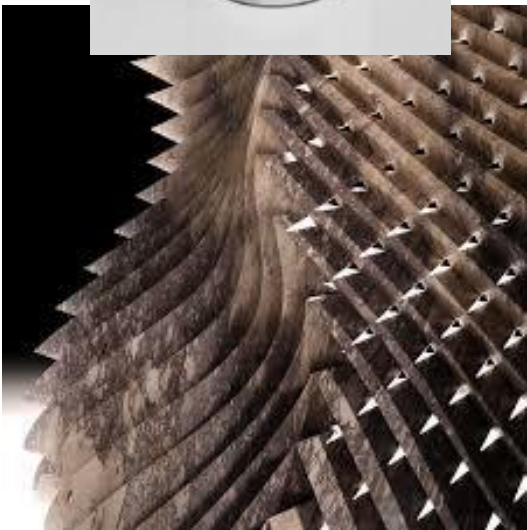
تولید کربن کمتر

قابلیت بازیافت

عایق طبیعی

چرخه عمر بالا







About M Stone Trading:
M Stone is the international trade branch of Maleki factory and quarry. Our company with more than 40 years of experience, consisting of a factory in a space of 60,000 square meters and 16 production halls with Verde Tifone marble quarry, has a high production capacity in the stone industry. we try to produce unique stone products by most special natural stones of Iran in cooperation with famous and professional architects and artists.

www.mstonetrading.com

M STONE
Can you imagine natural stone.
Factory . Trading
mstonetrading.com



Eternal Memory

Any stimulus through multiple senses can take us back to a place we have a memory of, This memory does not belong to a specific person but belongs to humanity, so this memory can be called an "Eternal Memory".

Name:
Caveman

of experience,
in a space of 60,000
16 production halls with
the quarry, has a high
in the stone industry,
nique stone products by
ral stones of Iran in
amous and professional
s.
mstonetrading.com



Block



Tile

30x60 60x60
40x80 80x80
120x60 100x100
30x30 120x120
40x40



Slab

240<180<

Analysis report of natural stones

گزارش آنالیز
سنگ های طبیعی

Physical Properties
Hardness
Porosity
Texture

Chemical Analysis
Mineral
Ionic
Chemical Methods

Types of **stones** according to **processing** **machinery**

دسته بندی سنگ ها با توجه به
ماشین آلات مورد نیاز در فرآوری آنها



Hard Stones

سنگ های سخت

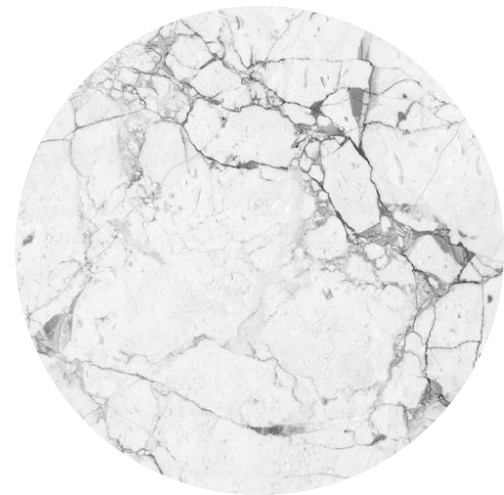


Lime Stones

سنگ های نرم

Commercial classification of stones

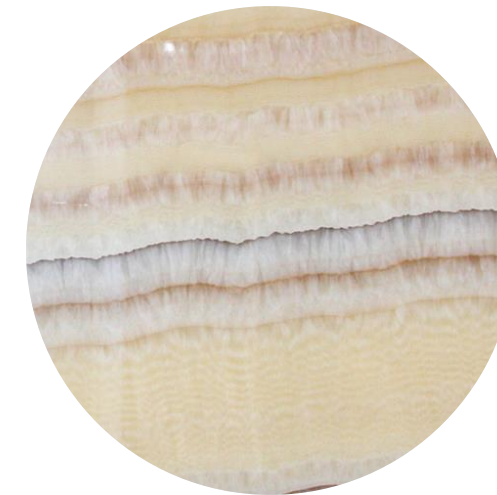
دسته بندی تجاری سنگ ها
(صنعت سنگ)



Marble
مرمریت و کریستال



Granite
گرانیت



Onyx
مرمر



Travertine
تراورتن



Limestone
لایم استون



Sandstone
سند استون

Marble

مرمریت و کریستال

Composition : calcite (CaCO_3) or dolomite ($\text{CaMg}(\text{CO}_3)_2$)

Texture : characterized by interlocking crystals

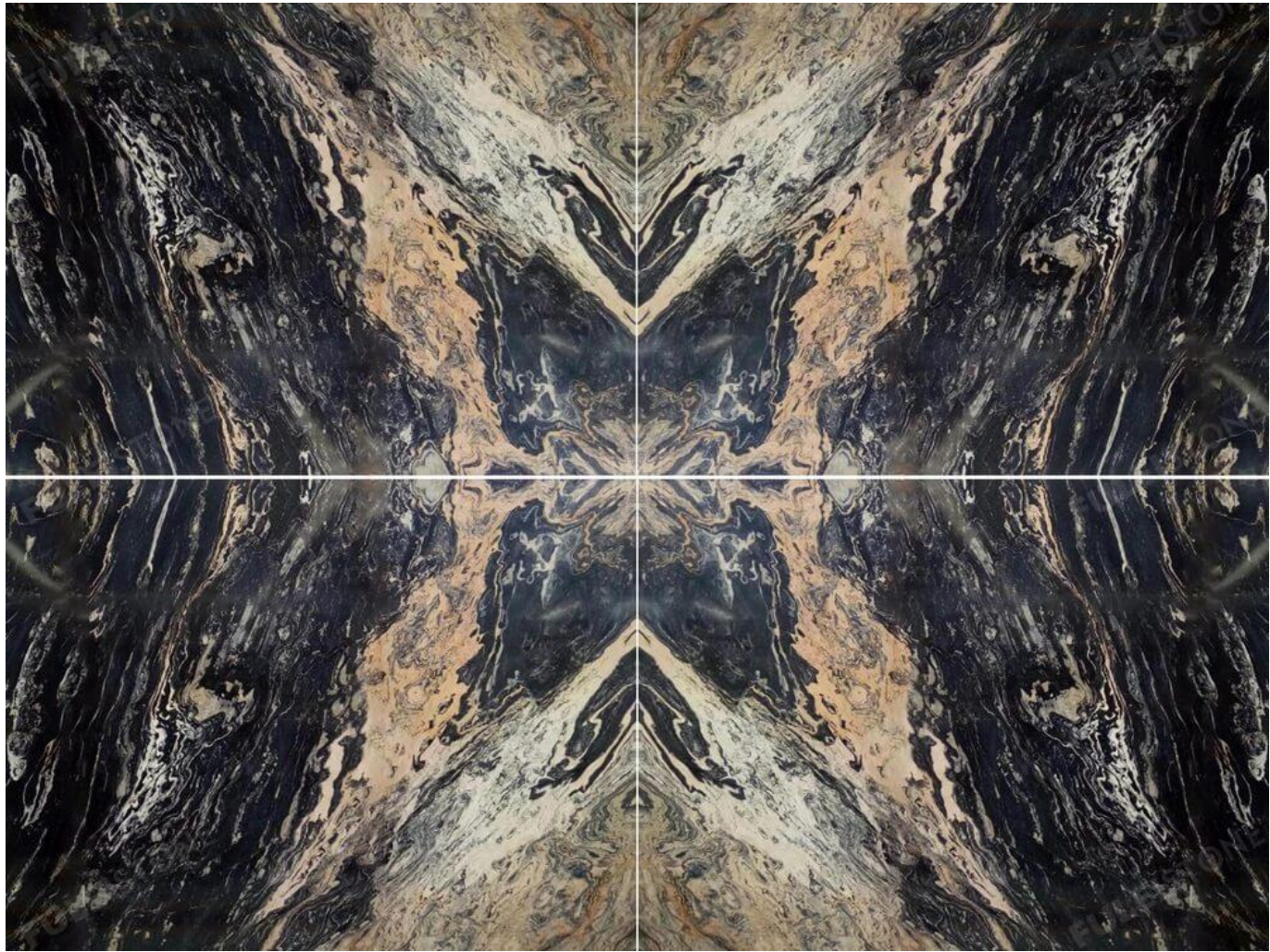
Hardness : Moderate Hardness 3 to 4 Mohs

Porosity : Low Porosity, needs maintenance

Durability : Long-lasting: requires proper care

Main Uses: flooring, wall cladding, sculpture, decorative items





Granite

گرانیت

Composition : quartz, feldspar, and mica

Texture : magma crystals

Hardness : High Hardness – 6 to 7 Mohs

Porosity : Minimal Porosity

Durability : Weather Resistance

Main Uses: ideal for both indoor and outdoor applications, public floors





Onyx

مرمر

Composition : silica (SiO₂), transparent

Texture : smooth surfaces

Hardness : High Hardness – 6.5 to 7 Mohs

Porosity : Low Porosity - challenges regarding maintenance and susceptibility to stains

Durability : Long-lasting: requires proper care

Main Uses: Interior design, Jewelry, Decorative items, Sculptures





Travertine

تراورتن

Composition : calcium carbonate, often around hot springs

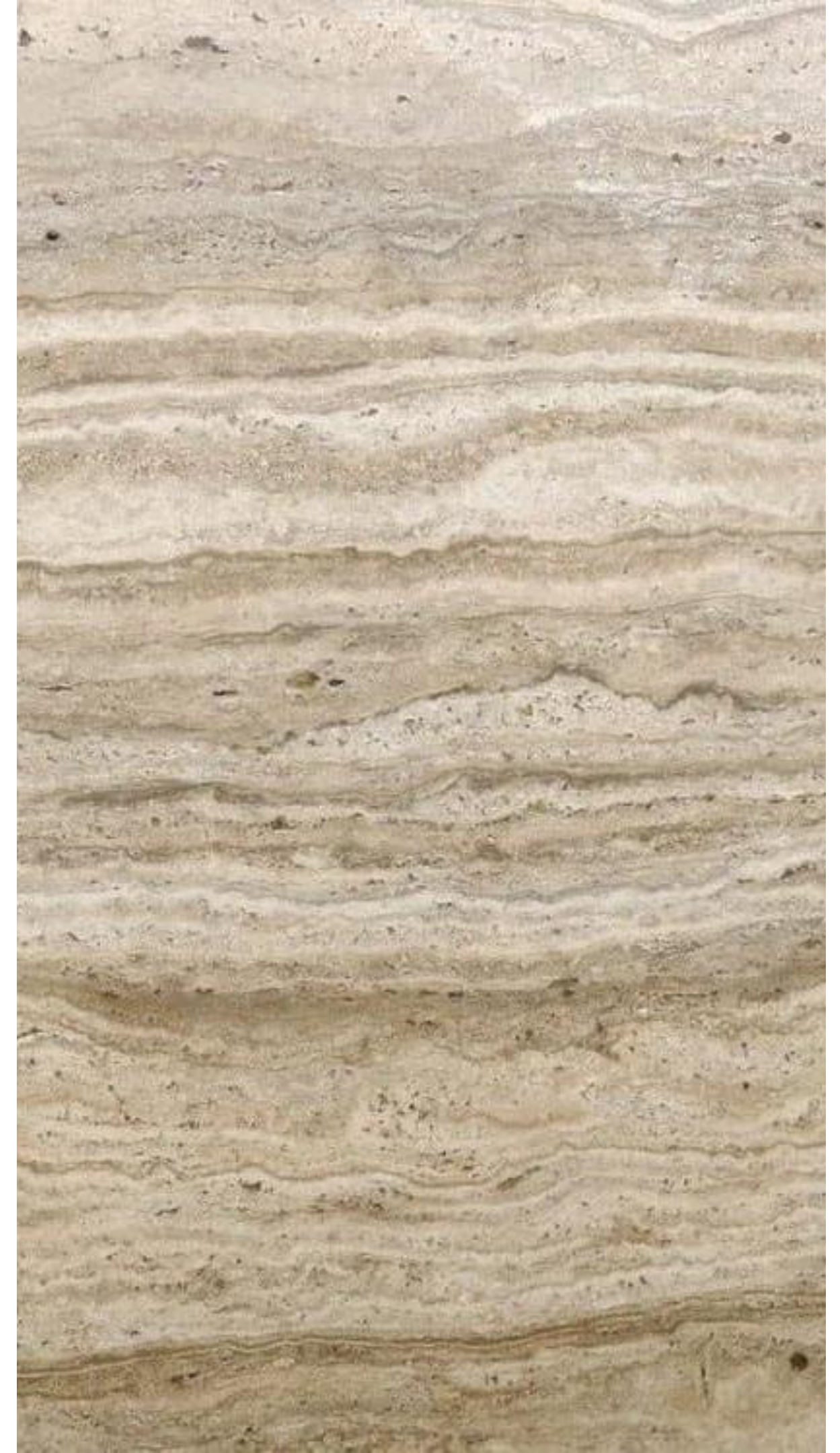
Texture : small holes and voids

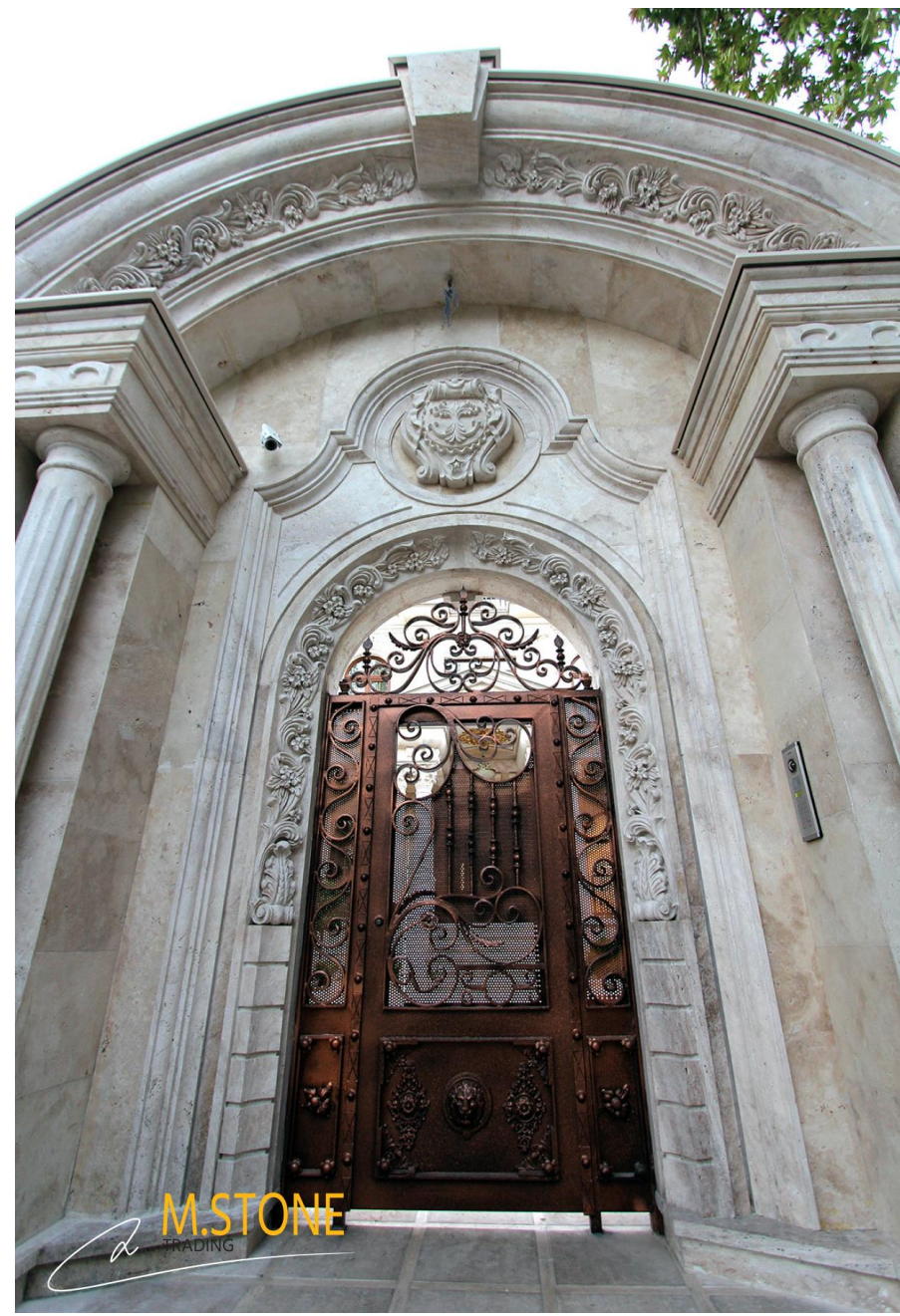
Hardness : Moderate Hardness— 4 to 5 Mohs

Porosity : high porosity

Durability : Weather Resistance requires sealing

Main Uses: wall cladding,





Limestone

لايم استون

Composition : organic remains, such as shells and coral, through the precipitation of calcium carbonate from water.

Texture : granular texture that may contain fossils

Hardness : Moderate Hardness— 3 to 4 Mohs

Porosity : porous

Durability : Weather Resistance requires sealing

Main Uses: wall cladding,





Sandstone

سند استون

Composition : sand-sized mineral

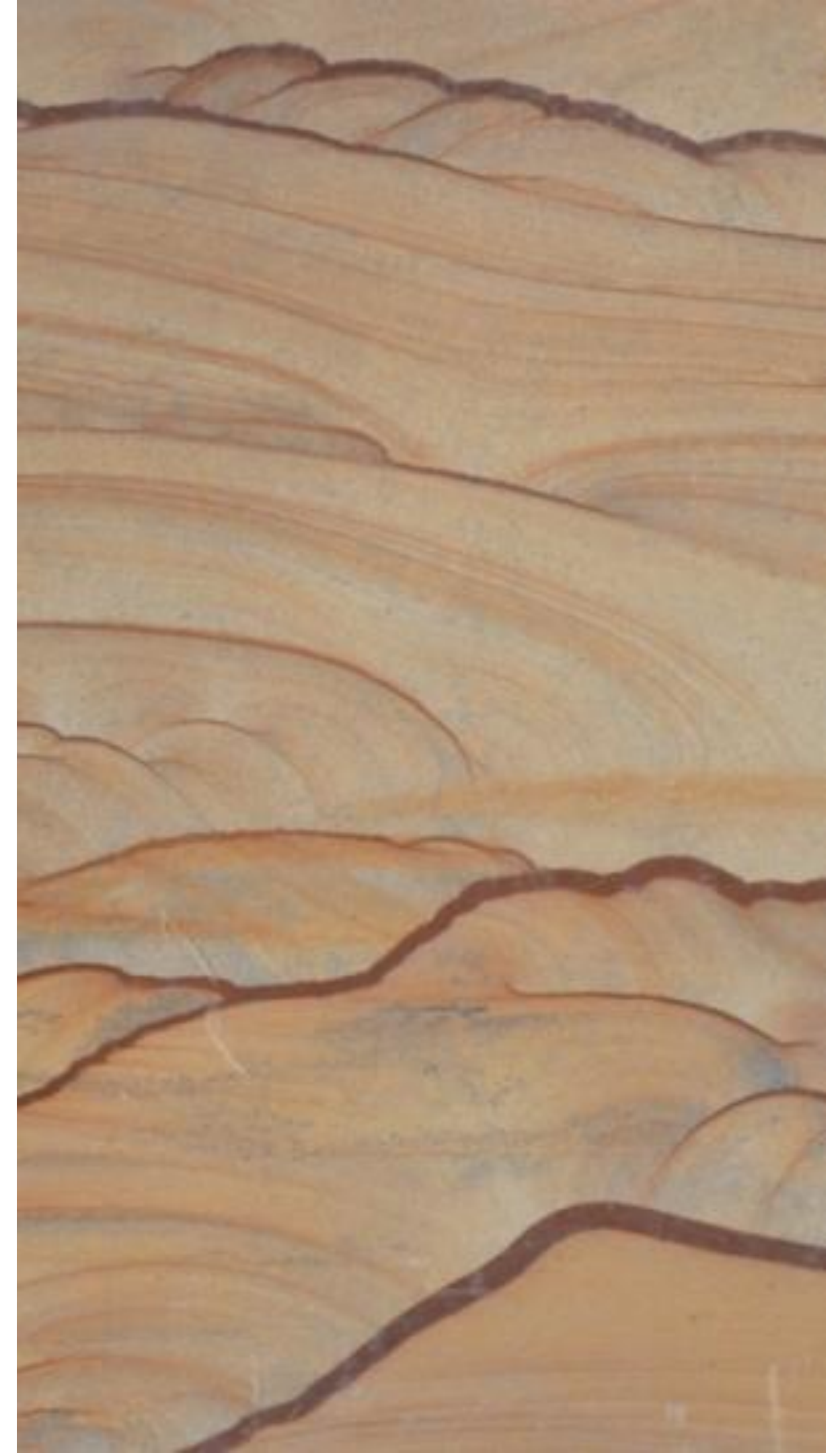
Texture : gritty texture

Hardness : Variable Hardness

Porosity : Porous Nature

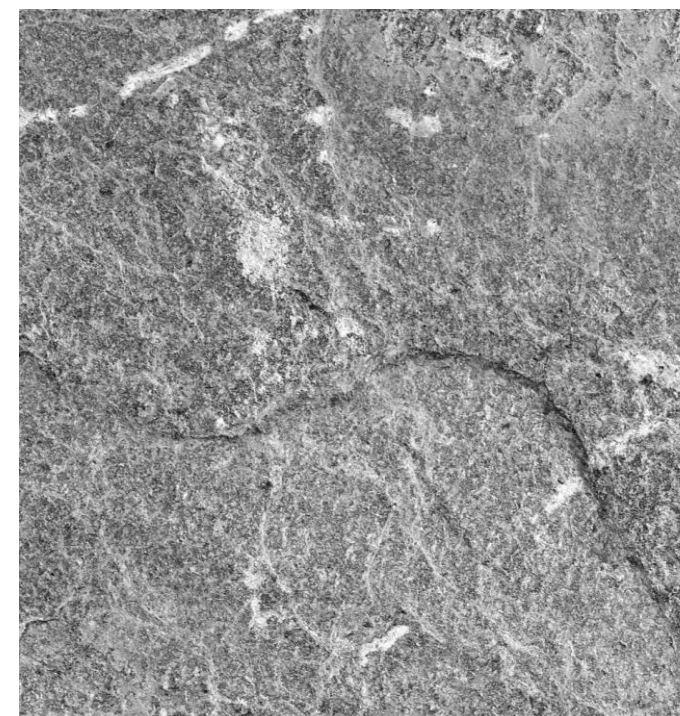
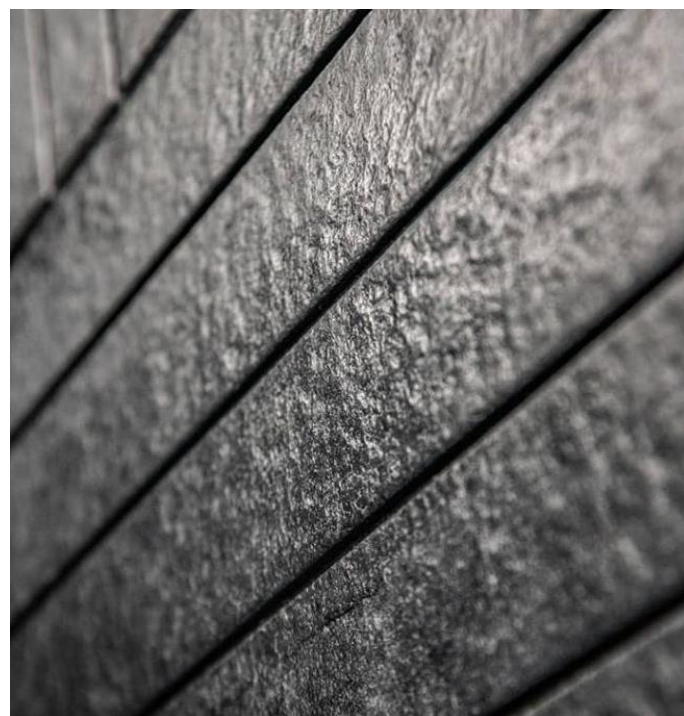
Durability : Weather Resistance

Main Uses: wall cladding,





Surface
Finishings
فرآوری های سطحی

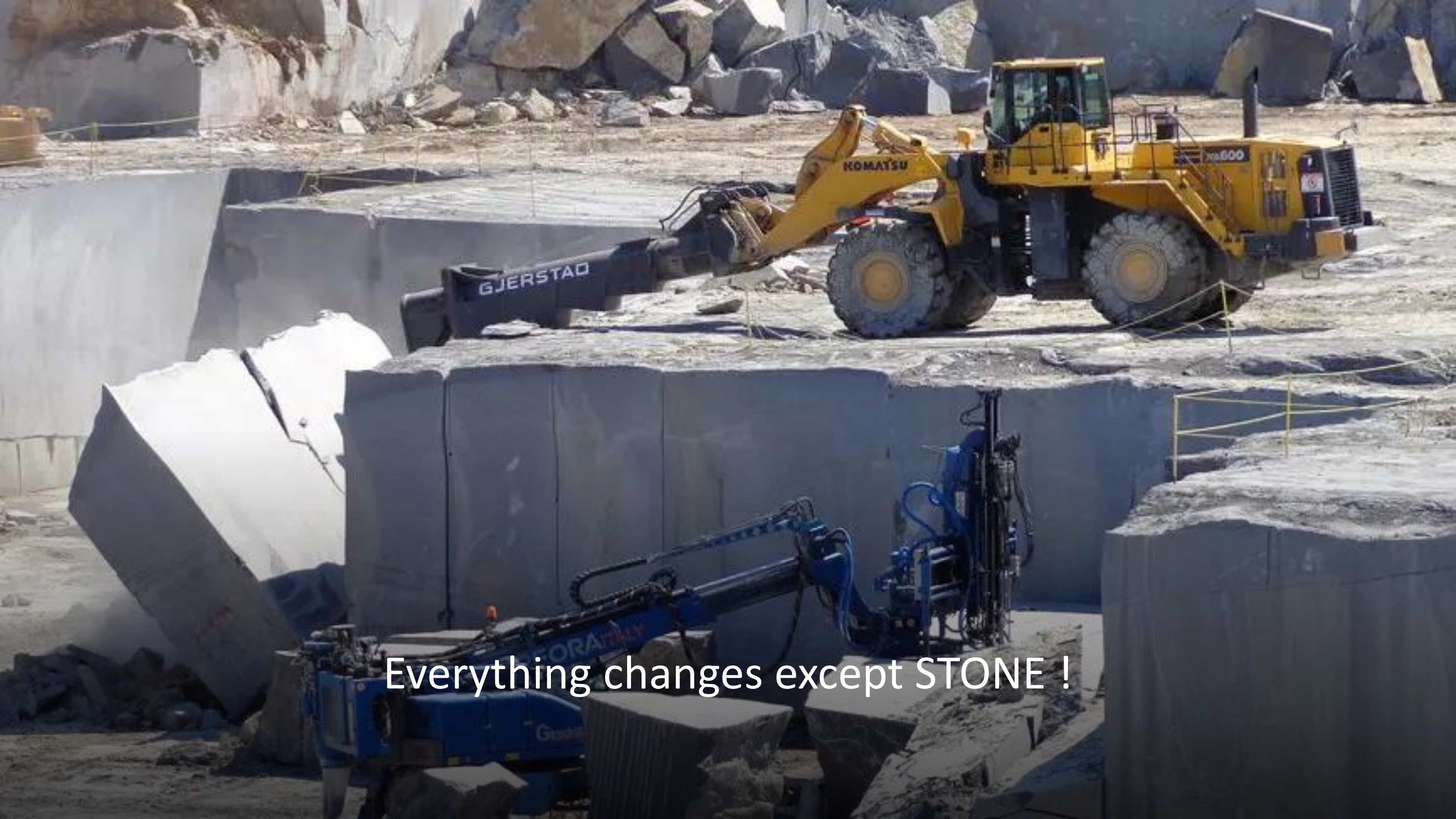




Get in touch with us!

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Everything changes except STONE !