

As time goes by, the importance of glass and its role in our lives is growing. New insights into the future use of glass in construction, in furniture and white goods, industry and decoration are seen every day. The increasing glass usage is due to the specific properties of this versatile product. Here are the main ones: Its transparency, which allows light to pass through and makes glass a particularly useful material for many applications. Its relatively high chemical resistance against water and other atmospheric elements, which allows its use as an everyday product. Its non-absorbance of pollutants, which makes it an easily washable material. Its stiness and scratch-resistance, which make it suitable as a structural material. Glass can be turned into many processed glass products such as toughened glass, laminated glass and decorative glass.



Gazvin Glass Co.

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Ghazvin Glass Company

“The Legacy Continues”

In response to the increasing rate of sheet glass consumption in Iran and after thorough studies conducted by the Bank of Industry and Mines, Ghazvin Glass Factory was established in 1965, with a capital cost of more than one billion Rials. The first plant was constructed on the 3rd KM of Qazvin-Rasht road, on a 260,000 m² plot of land, with a building area of 100,000 m² allocated to a production hall, warehouse, administrative office, engineering services and repair workshops.

At that time, the factory was the biggest sheet glass production facility in the country and enjoyed state-of-the-art glass production technology. GGC glass became the highest quality product of its kind in the Middle East. Later on, as the market demand for different types of sheet glass soared, the company decided to expand its product range by establishment of a patterned glass production line, followed by a new float glass production plant and a complex of downstream processing facilities. Through these investments GGC sought to increase its competitive strength in the international market alongside its continued dedication to local consumers. What made all this possible was the directors' commitment to the use of the newest manufacturing technologies, improving the company knowledge and relying on the perseverance of the company's skilled, young workforce.

This company has continued to pursue its endeavours in a structured way, so that GGC's total production facilities now exceed 3,000,000 m² in area.



Estekhray Co.

Glass Raw Material Exploitation Company

The demand for quality silica sand (the main glassmaking raw material) by local glass production plants led to the establishment in 1993 of Estekhray Company based on the newest raw material processing technologies of the time.

This company is capable of producing silica with a nominal capacity of 360,000 ton/year to be supplied to a number of sheet glass and crystalware manufacturers.



Ghazvin Glass Crushing Plant

In order to support the company's requirement for high quality raw materials, GGC's mineral resources are thoroughly investigated and the supplied raw materials such as silica sand, dolomite and limestone are delivered from various mineral mines to the company's own crushing plant which was established in 1996.

Today Ghazvin Glass Crushing Plant produces some 100,000 ton/year of grain-sized silica to be used in the company's furnaces.



Farsejin Float Plant

In late 2001, GGC released the news of commencing its new project for construction of a float glass plant with the cooperation of Pilkington Company, UK. Comprehensive specification and design works were carried out, followed by the construction works on a 2,000,000 m² plot of land, 70 km from Ghazvin near Farsejin village, with a building area of 70,000 m². In 2009 Farsejin Float Plant was officially opened. With the use of Pilkington technology, GGC Farsejin Float Plant is capable of manufacturing high quality float glass in a thickness range 1.8-12 mm in sizes up to max 6500×3600 mm with a total production capacity of 180,000 ton/year.

GGC and Pilkington companies have signed a contract for construction and commissioning of two float production lines, the second of which was put into construction right after the first one's inauguration.

The accurate thickness and flatness of float glass makes it the perfect material for a number of end-products such as automotive glass and mirrors and also an ideal commodity for other industrial uses.



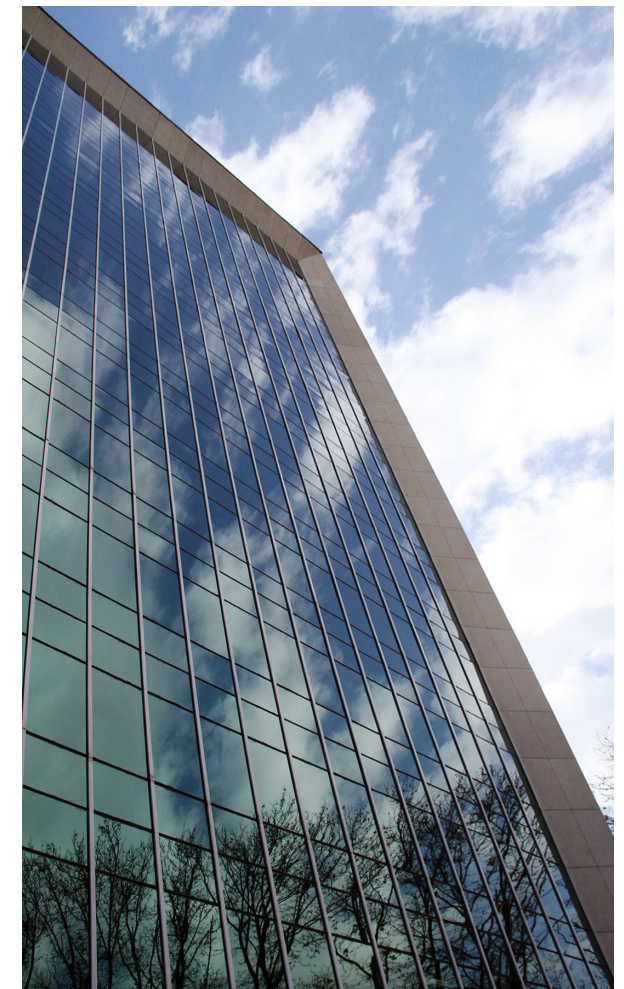
Automotive Float Glass

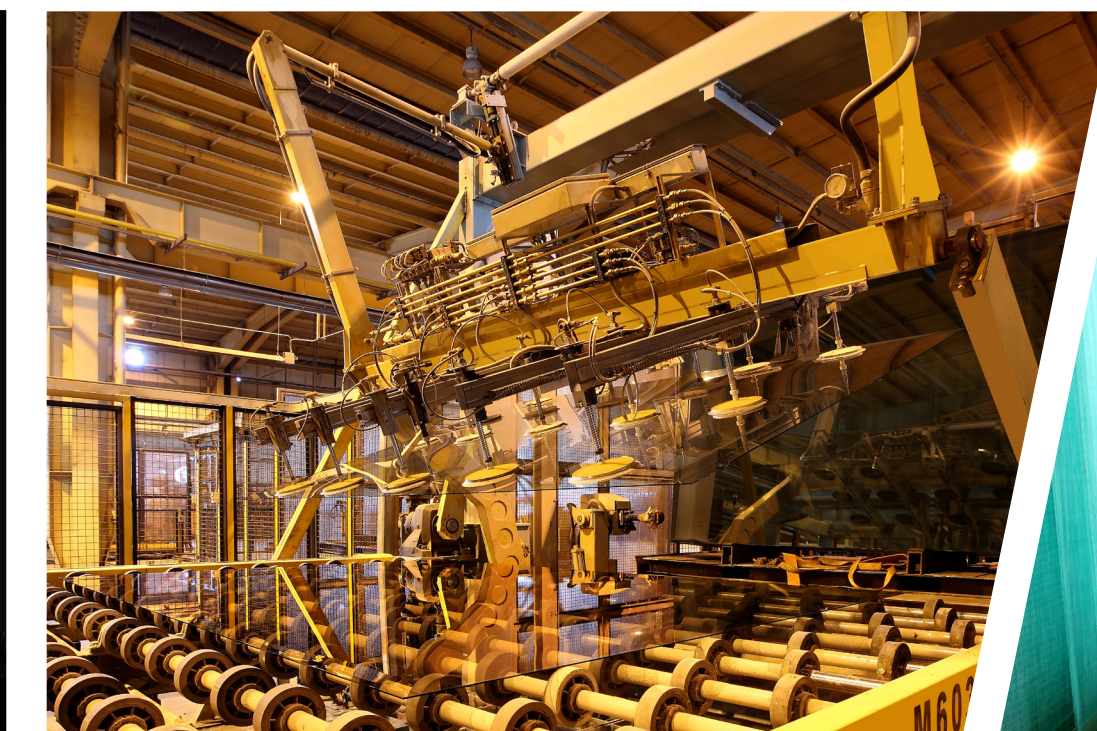
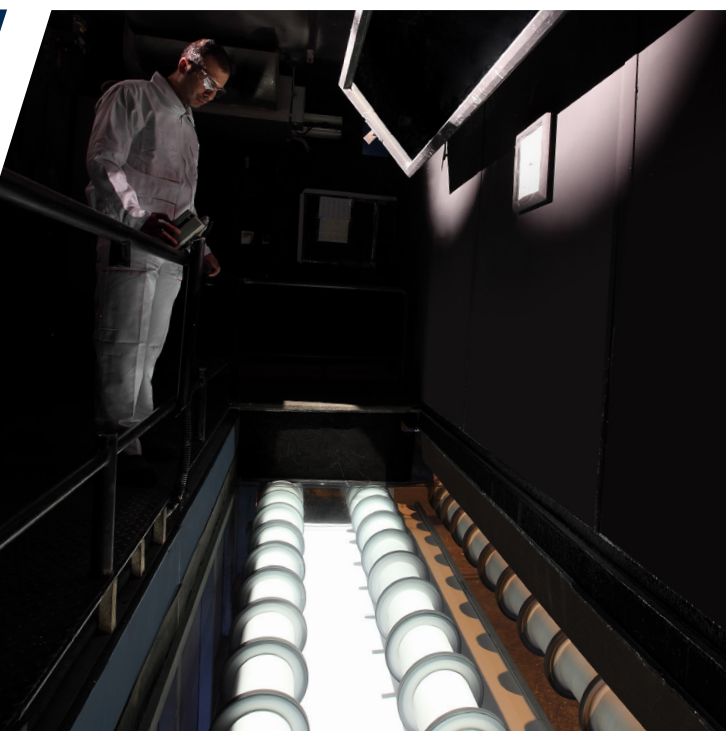
GGC Float Glass's fine colour and the lack of defects such as distorting waves or thickness variability make it suitable for automotive glass production in thicknesses 2.2, 3.5 mm, etc. This is the first time an Iranian glass producer has managed to offer a specific-formula green glass appropriate for the automotive glass industry and equal to current imported products in terms of quality standards. We are honoured to offer a product which meets the high quality requirements of all automotive glass end users, and we hope that, GGC will be the best Iranian automotive green glass producer for the foreseeable future.



Architectural Float Glass

Providing the visual contact between inhabitants of buildings and their environment, windows occupy a considerable portion of the external surfaces. GGC Architectural Float Glass has the necessary clearness, flatness and high quality to give the inhabitants a better view to the outside world and a visual sense of tranquility.







VINAMEL *t*

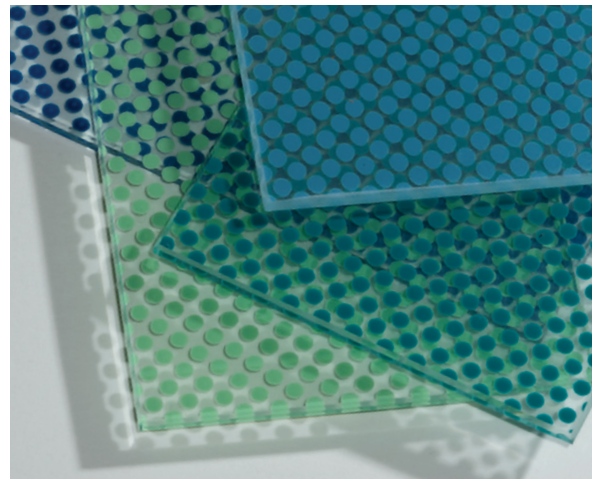
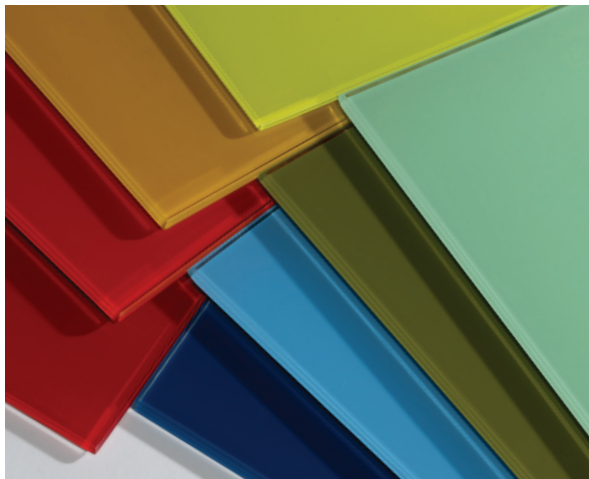
History

For thousands of years glass has been a means of decoration. Coloured glass was used as long ago as 6000 BC by ancient Egyptians in their jewellery, an increasing range of tints allowed an extra creativity in blown glassware, stained glass in windows brought deep colours into buildings, patterns pressed onto the glass surface mixed transparency and shadow - the vibrance and versatility of glass have helped to make it a vital ingredient of commercial and interior design.

Toughenable enamelled glass from an industrial leader

Ghazvin Glass has established a reputation for offering high quality flat glass products, clear and tinted, and has now introduced a new addition to its product range - Vinamel t - a toughenable enamelled glass.

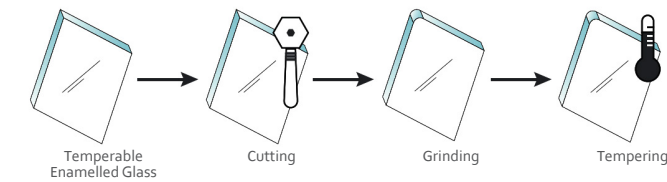




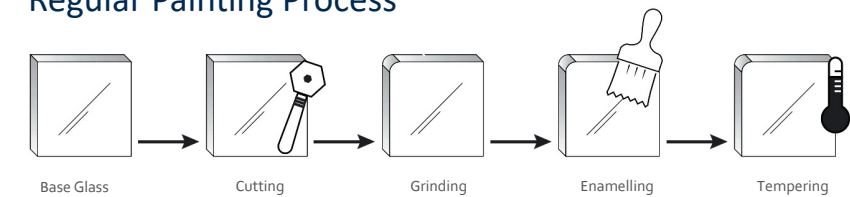
Back Painted Glass

- Various colours and thickness from 4 to 12 mm
- With a range of patterns, or incorporating designs to order
- Available as a single sheet or laminated
- Standard sizes 2500 x 5000 mm or cut to order
- Drilled holes, cut-outs, and other features also available
- A palette of bright and dense colours
- Addition of patterns extend the options from transparent to completely opaque
- Modern look and feel
- Ability to give an enlarged space effect
- Surfaces resistant to temperature and humidity
- Scratch resistance
- Ease of installation, as construction or retrofitting

Vinamel



Regular Painting Process



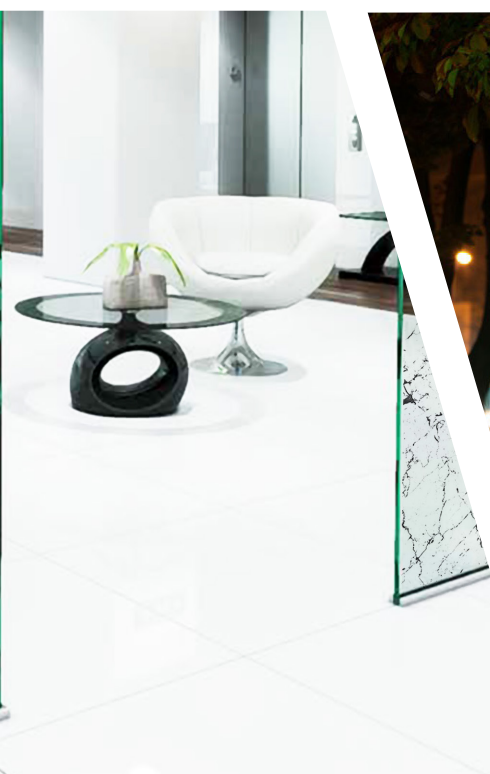
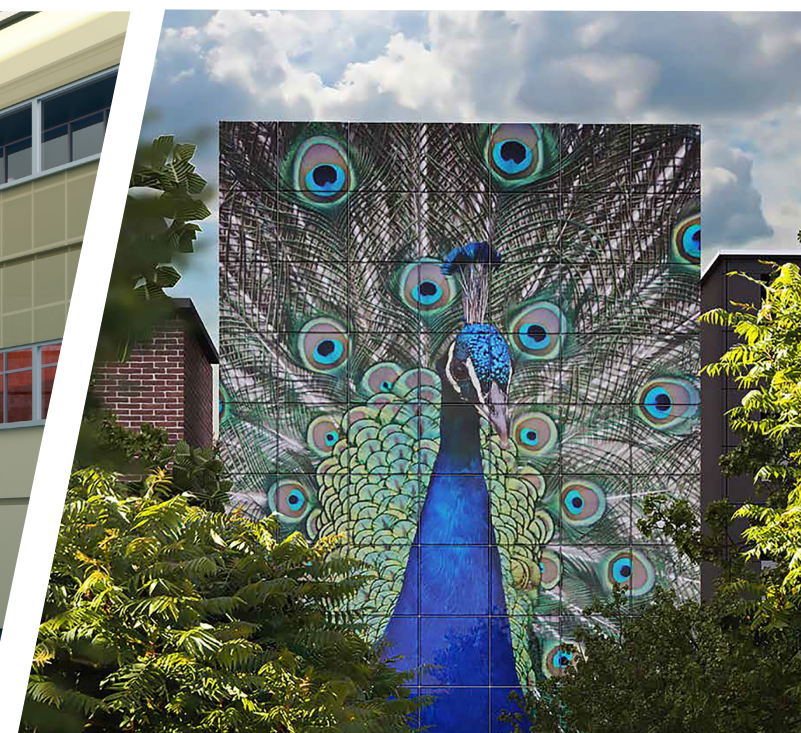




Toughenable Printed Glass

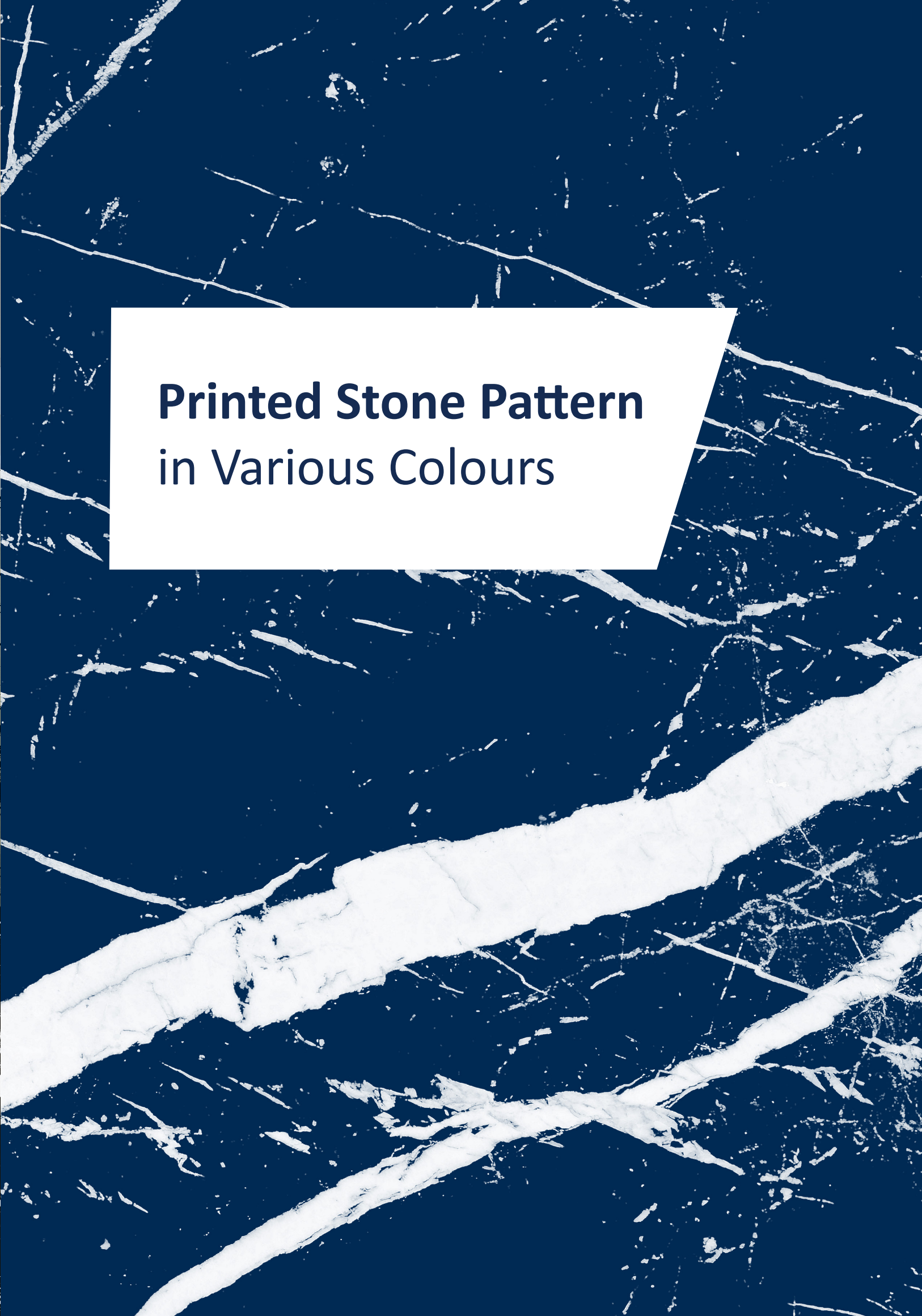
- > Unlimited range of pattern and design
- > Wide color gamut
- > Ability to print white ink
- > Compatible with Pantone spot colors (including gold and silver)
- > Up to 240x480 cm
- > Various thickness from 4 to 12 mm
- > Available as a single sheet or laminated
- > Drilled holes, cut-outs, and other features also available
- > All prints extend the options from transparent to completely opaque
- > Surfaces resistant to temperature and humidity
- > Scratch resistance
- > Ease of installation, as construction or retrofitting







Printed Stone Pattern in Various Colours



Galaxy Marble

Code: ST10

- > 12 Faces for 120X240 cm
- > 24 Faces for 80X160 cm
- > Seamless Book Match from Each Faces
- > Various Colours
(Also Aavailable with Satina and Transparent Base)

UP TO

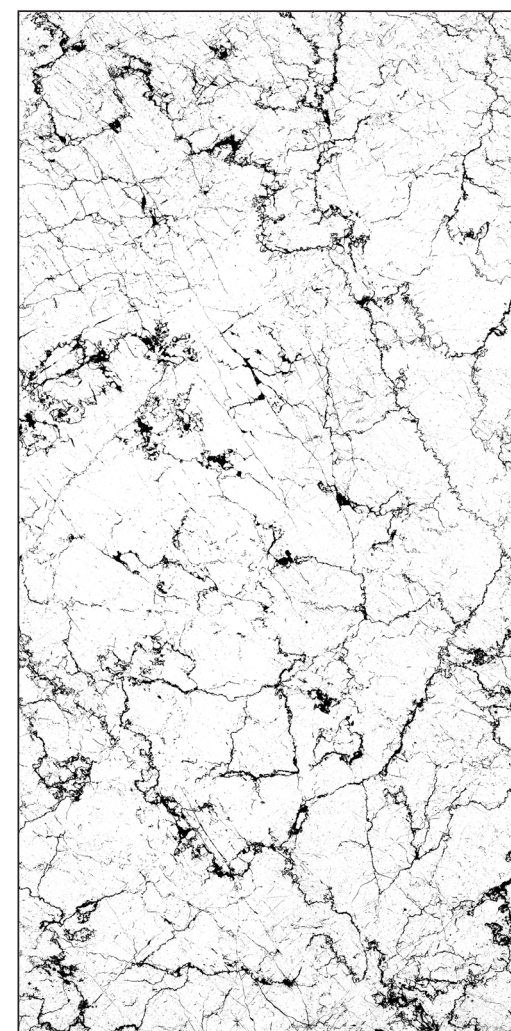
240x480 cm

240x480 cm

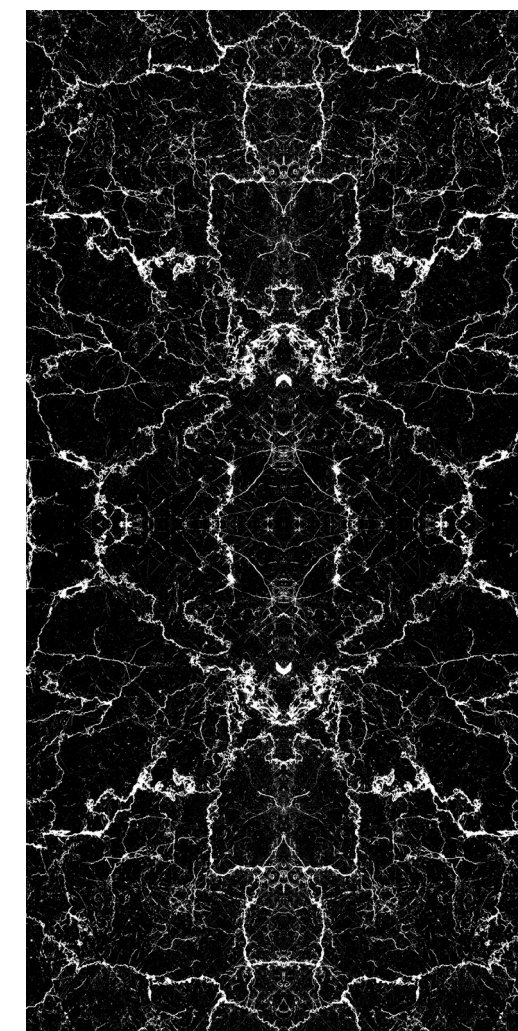
Code: ST1048

- > 1 Face (Plus One Mirrored Face)
- > 48 Seamless Book Match Faces
- > Various Colours
(Also Aavailable with Satina and Transparent Base)
- > Thickness: 8 to 12mm
- > Weight: 230 to 345 Kg

Code: ST1048-W01a



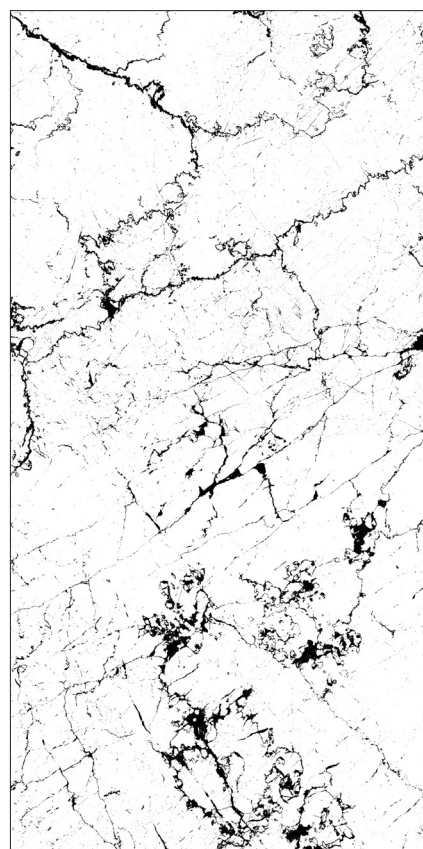
Code: ST1048-BM-B01d



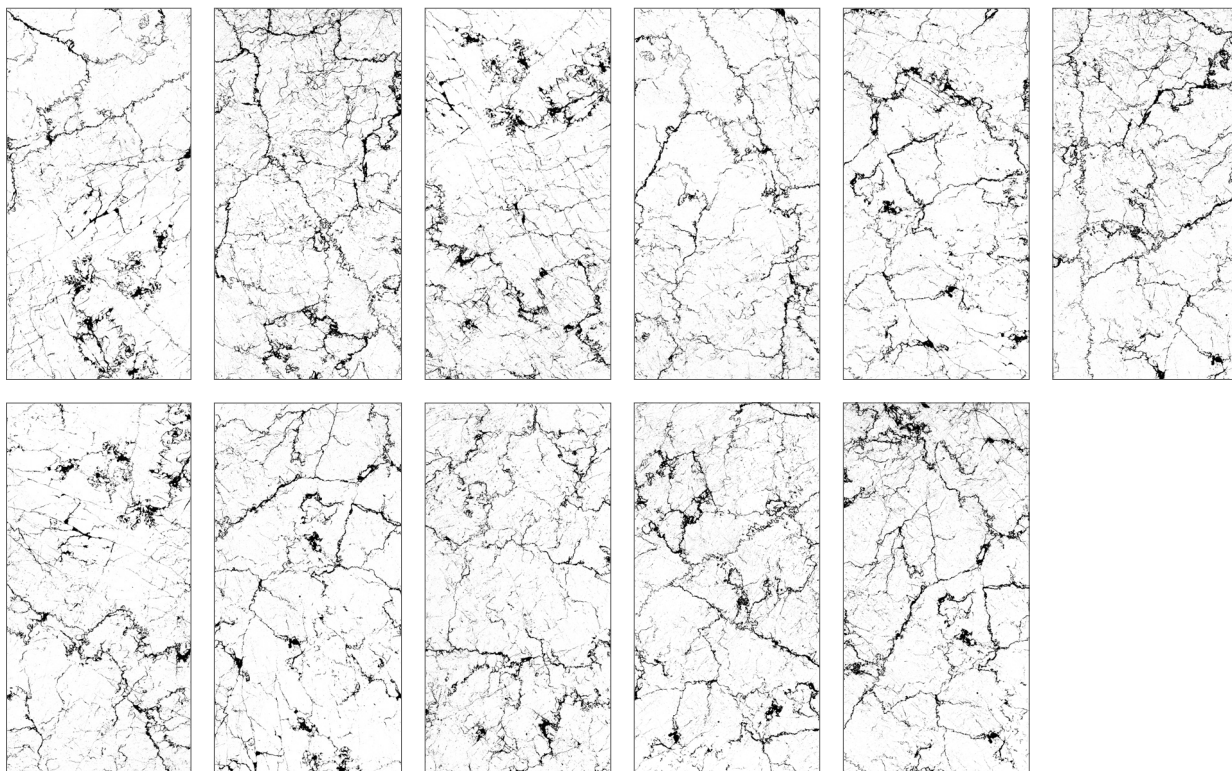
120x240 cm

Code: ST1024

- > 12 Faces (Plus 12 Mirrored Faces)
- > 48 Book Match Series
- > Various Colours
(Also Available with Satina and Transparent Base)
- > Thickness: 6 to 12mm
- > Weight: 43 to 86 Kg



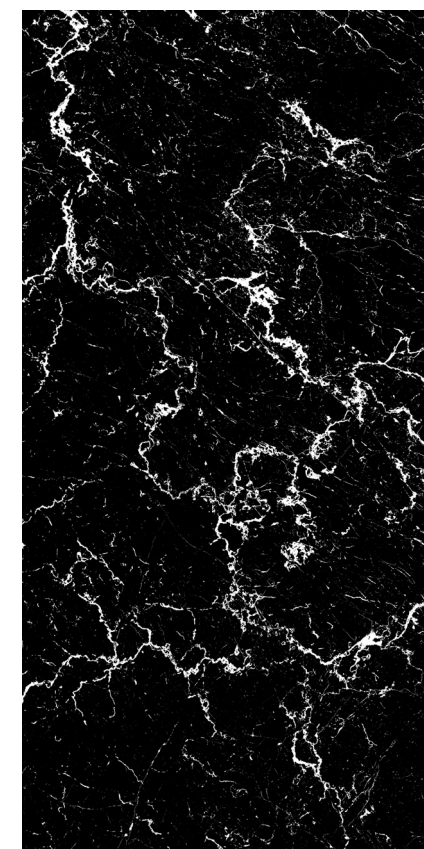
Code: ST1024-W01a



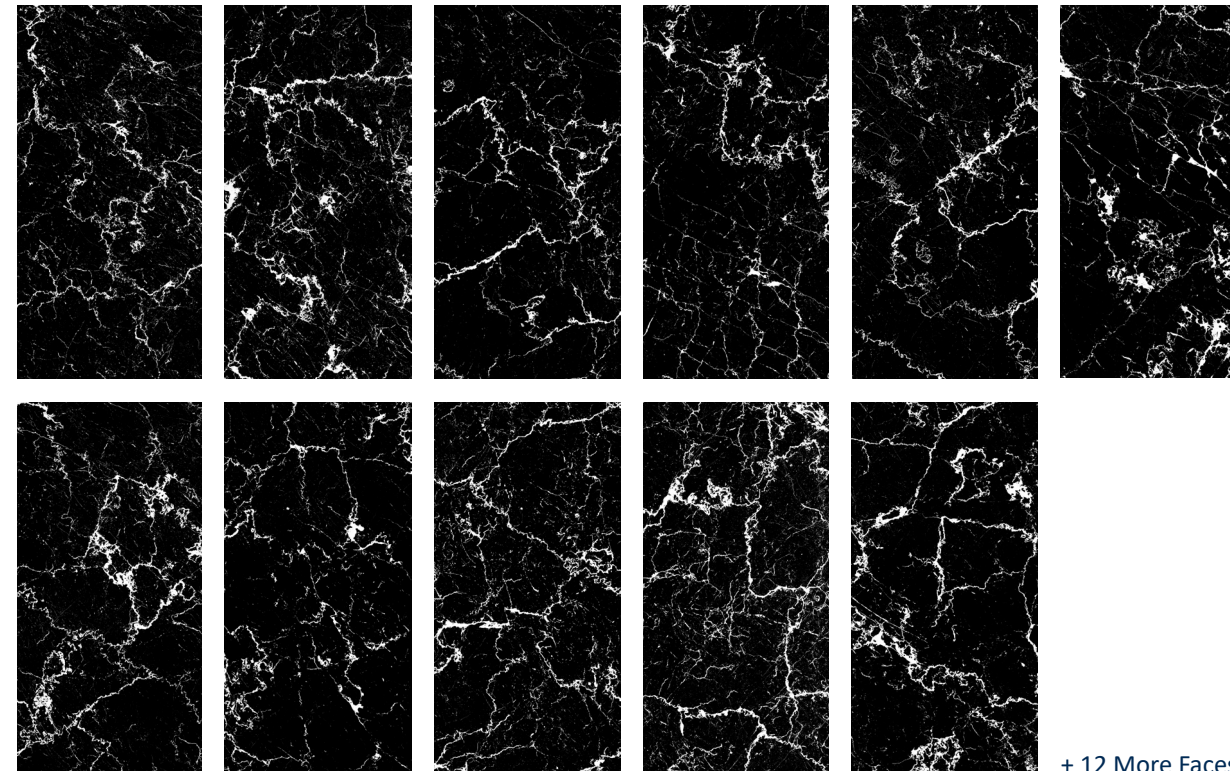
80x160 cm

Code: ST1016

- > 24 Faces (Plus 24 Mirrored Faces)
- > 96 Book Match Series
- > Various Colours
(Also Available with Satina and Transparent Base)
- > Thickness: 4 to 12mm
- > Weight: 13 to 39 Kg



Code: ST1016-B01a

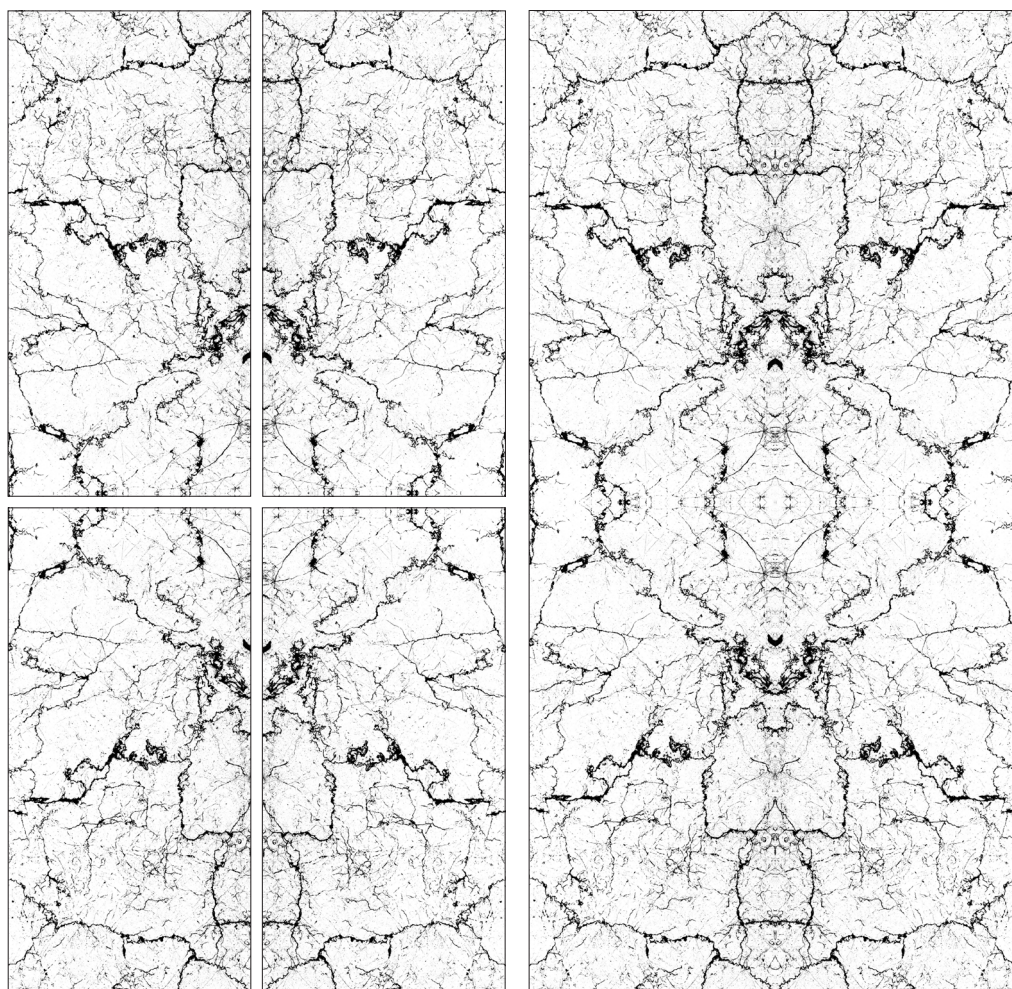


+ 12 More Faces

Seamless Book Match

Code: ST1048-BM & ST1032-BM

- Every Faces Could Be Orderd as Seamless Book Match
- 48 Seamless Book Match (Up To 240x480 cm)
- 96 Seamless Book Match (Up To 160x320 cm)
- Various Colours
(Also Aavailable with Satina and Transparent Base)



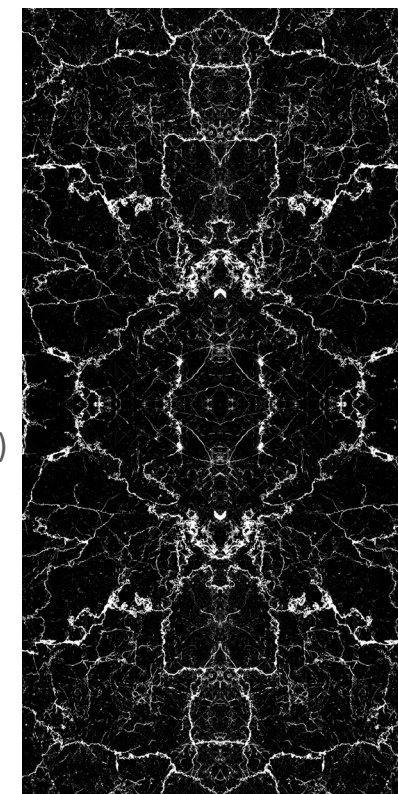
Code: ST1048-BM-W01d



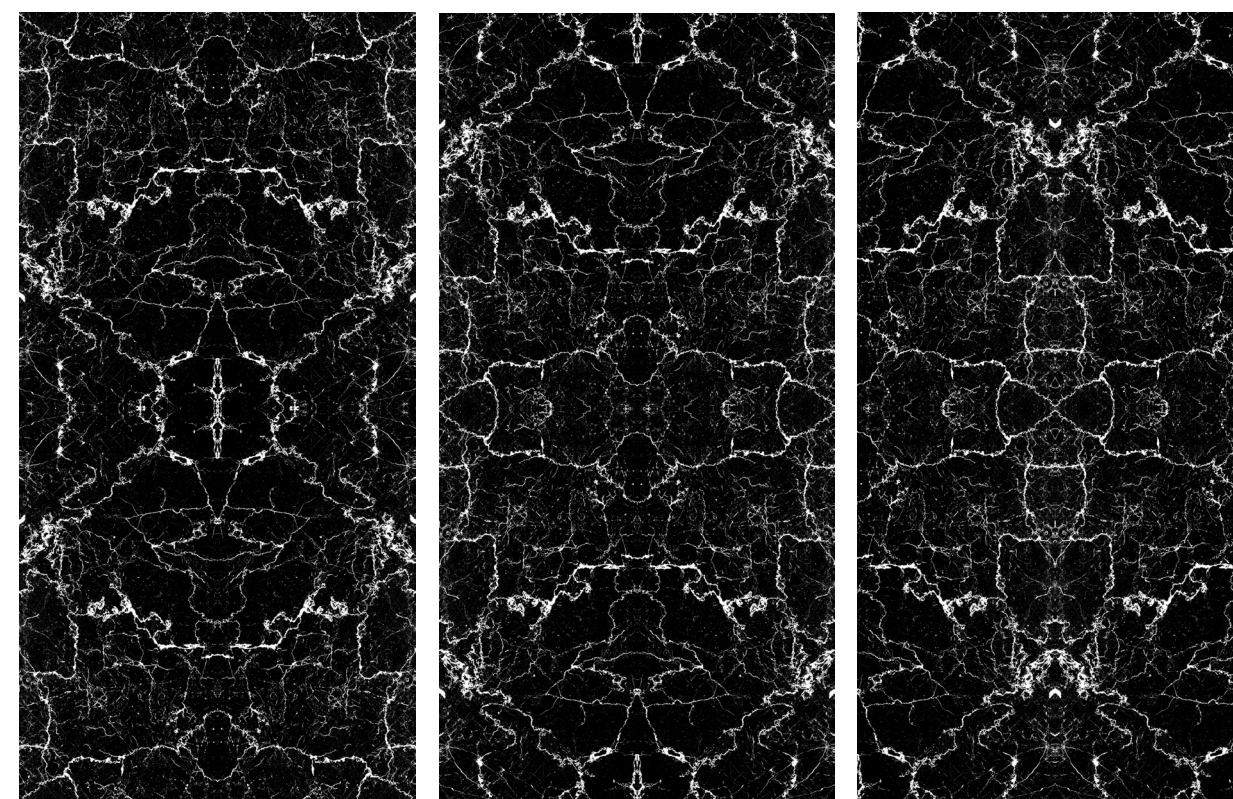
Book Match Variety

Code: ST1048-BM & ST1032-BM

- Every Faces Have 4 Different Book Match
- 48 Seamless Book Match (Up To 240x480 cm)
- 96 Seamless Book Match (Up To 160x320 cm)
- Various Colours
(Also Aavailable with Satina and Transparent Base)

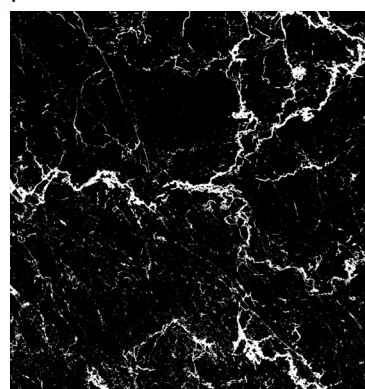


Code: ST1048-BM-B01a to ST1048-BM-B01d

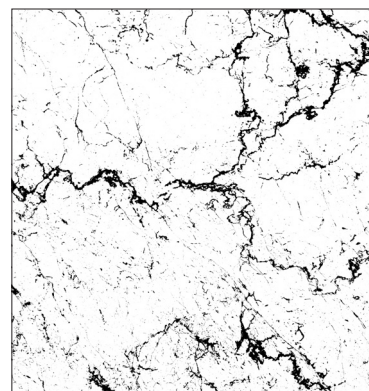


Color Variety

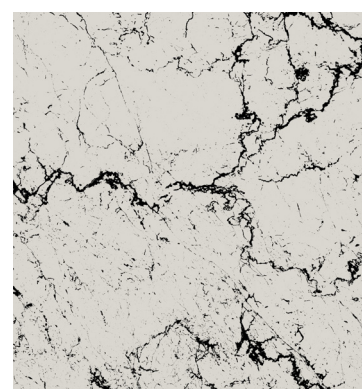
- Black and White Pattern
- Black, White and Grey White (RAL 9002) Base
- Could Be Ordered with Spot Color Pattern and Base
- Available with Satina and Transparent Base



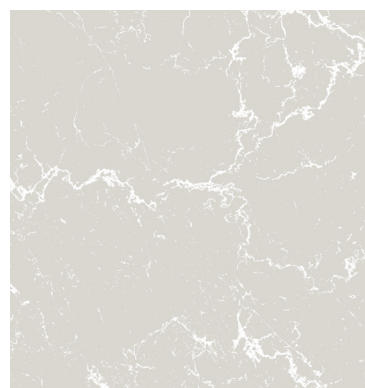
Code: ST1024-B



Code: ST1024-W



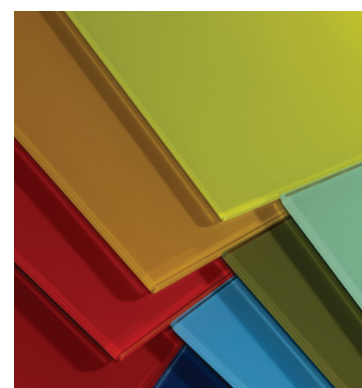
Code: ST1024-GB



Code: ST1024-GW



Code: ST1024-BB



Any RAL Color



Transparent



Mirror



Satina

Noir Moon Marble

Code: ST20

- 12 Faces for 120X240 cm
- 24 Faces for 80X160 cm
- Seamless Book Match from Each Faces
- Various Colours
(Also Aavailable with Satina and Transparent Base)

UP TO

240x480 cm

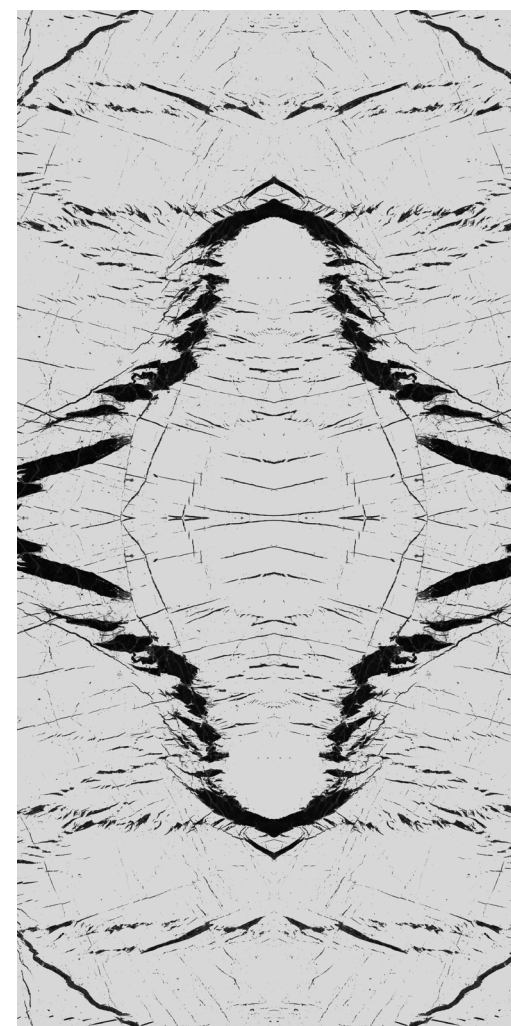


240x480 cm

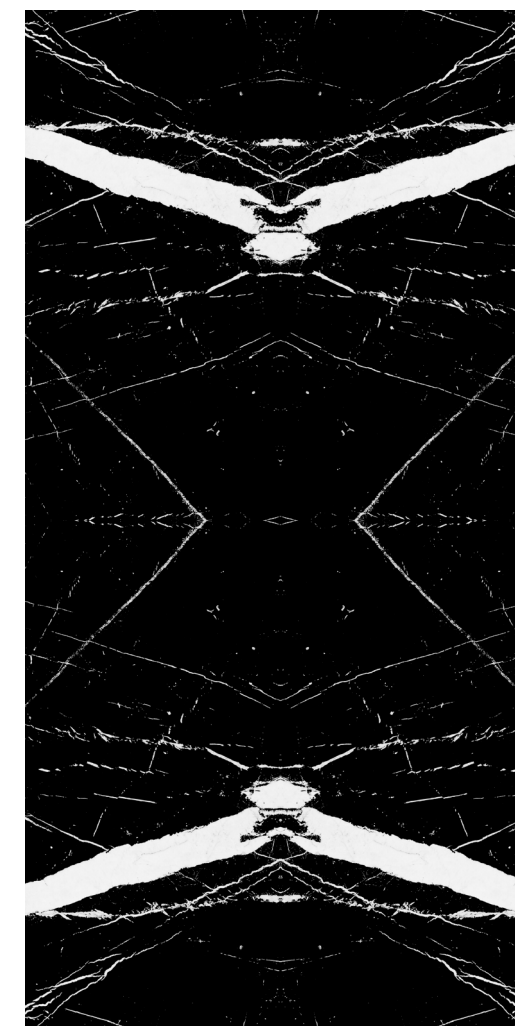
Code: ST2048

- 48 Seamless Book Match Faces
- Various Colours
(Also Aavailable with Satina and Transparent Base)
- Thickness: 8 to 12mm
- Weight: 230 to 345 Kg

Code:ST2048-BM-GB01a



Code:ST2048-BM-B01d



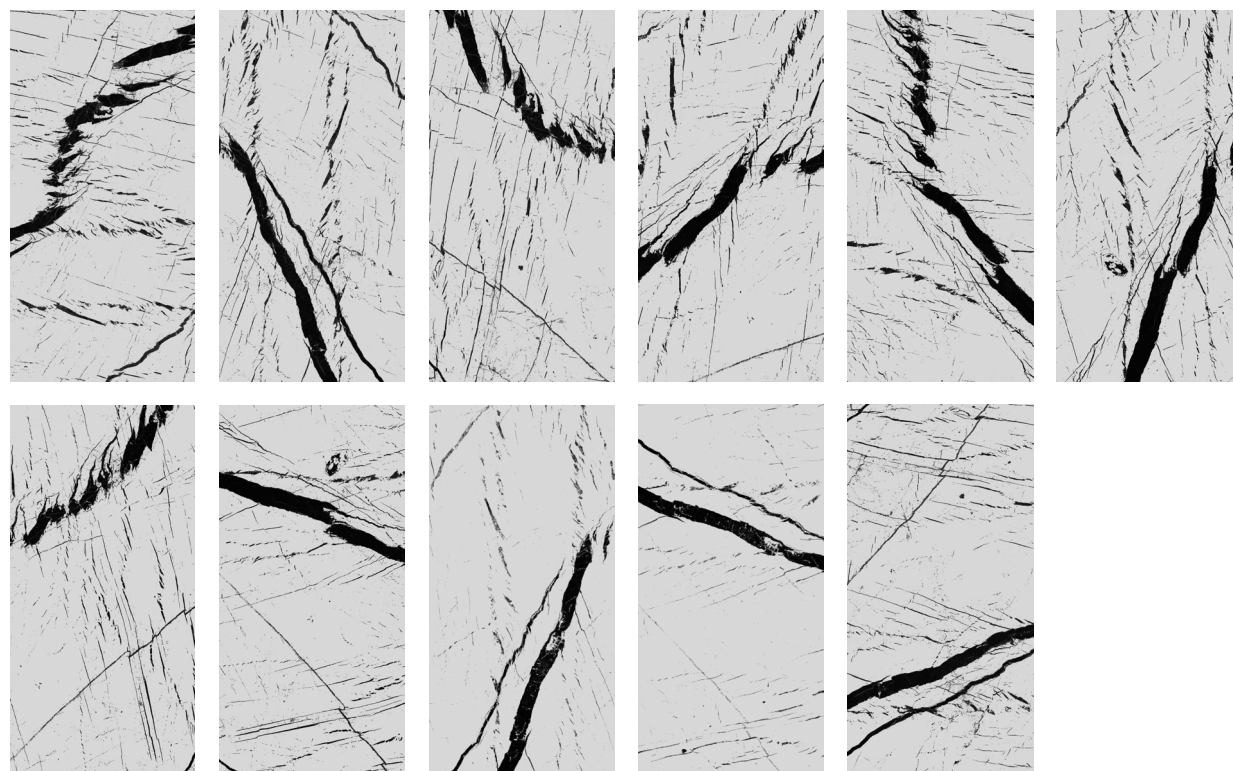
120x240 cm

Code: ST2024

- > 12 Faces (Plus 12 Mirrored Faces)
- > 48 Book Match Series
- > Various Colours
(Also Aavailable with Satina and Transparent Base)
- > Thickness: 6 to 12mm
- > Weight: 43 to 86 Kg



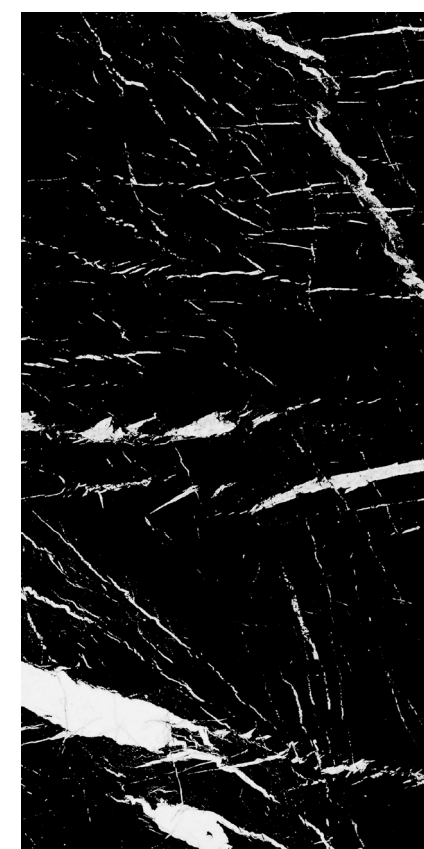
Code:ST2024-GB01a



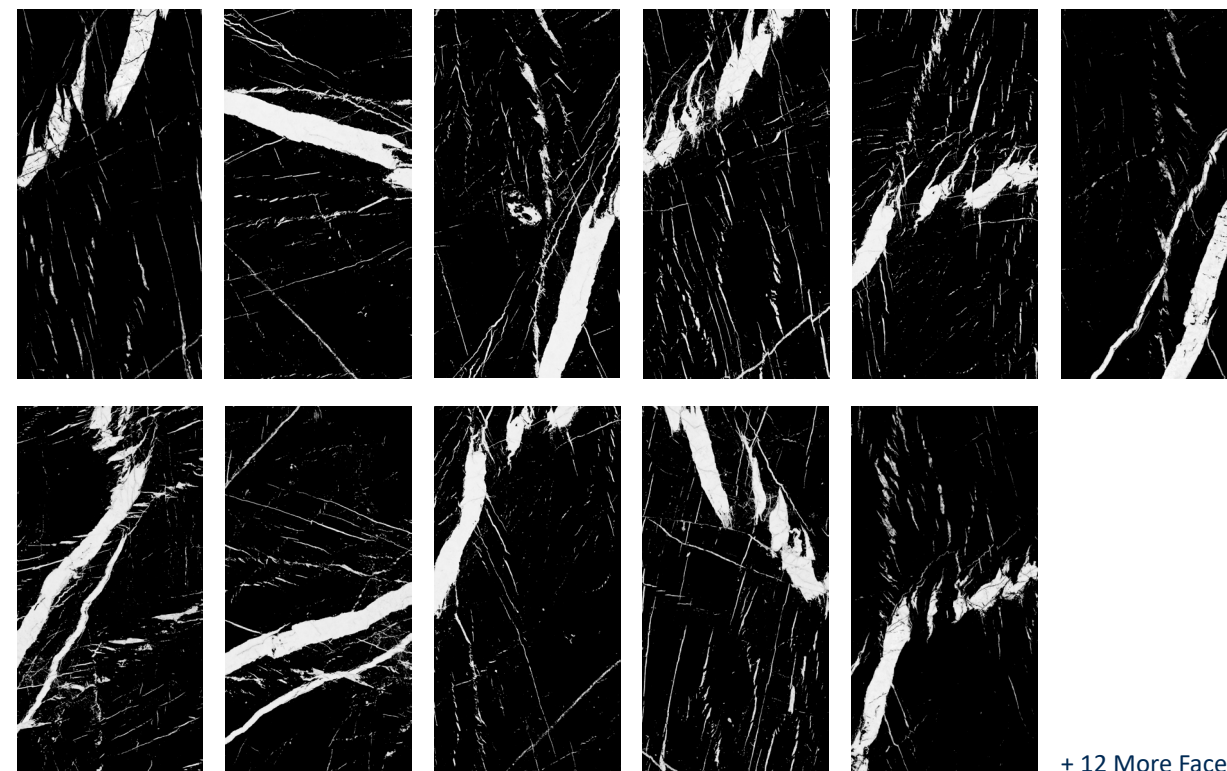
80x160 cm

Code: ST2016

- > 24 Faces (Plus 24 Mirrored Faces)
- > 96 Book Match Series
- > Various Colours
(Also Aavailable with Satina and Transparent Base)
- > Thickness: 4 to 12mm
- > Weight: 13 to 39 Kg



Code:ST2016-B01a

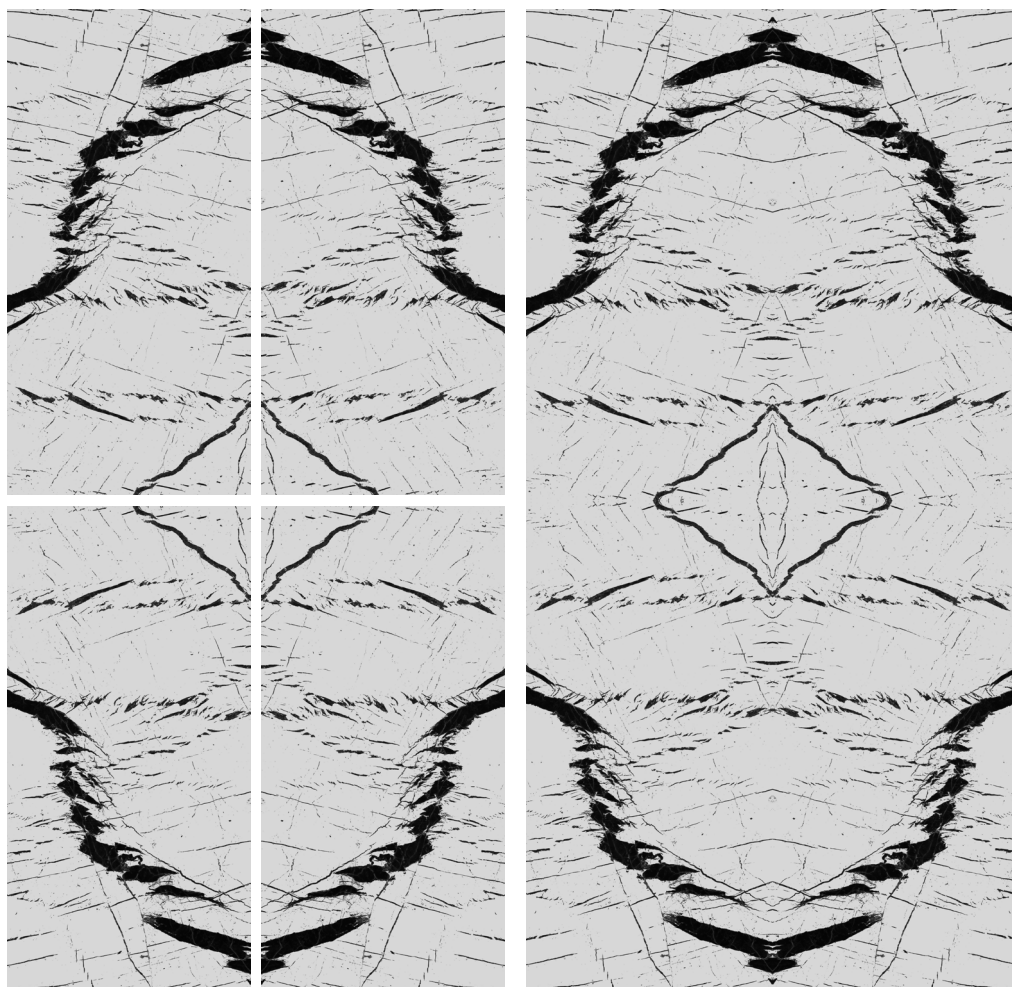


+ 12 More Faces

Seamless Book Match

Code: ST2048-BM & ST2032-BM

- Every Faces Could Be Orderd as Seamless Book Match
- 48 Seamless Book Match (Up To 240x480 cm)
- 96 Seamless Book Match (Up To 160x320 cm)
- Various Colours
(Also Aavailable with Satina and Transparent Base)



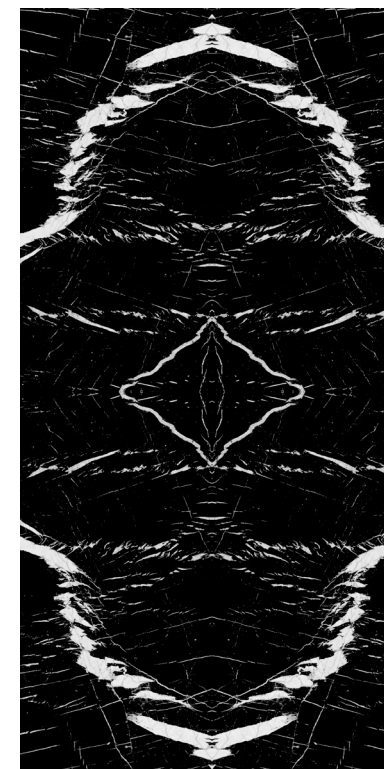
Code: ST2048-BM-GB01a



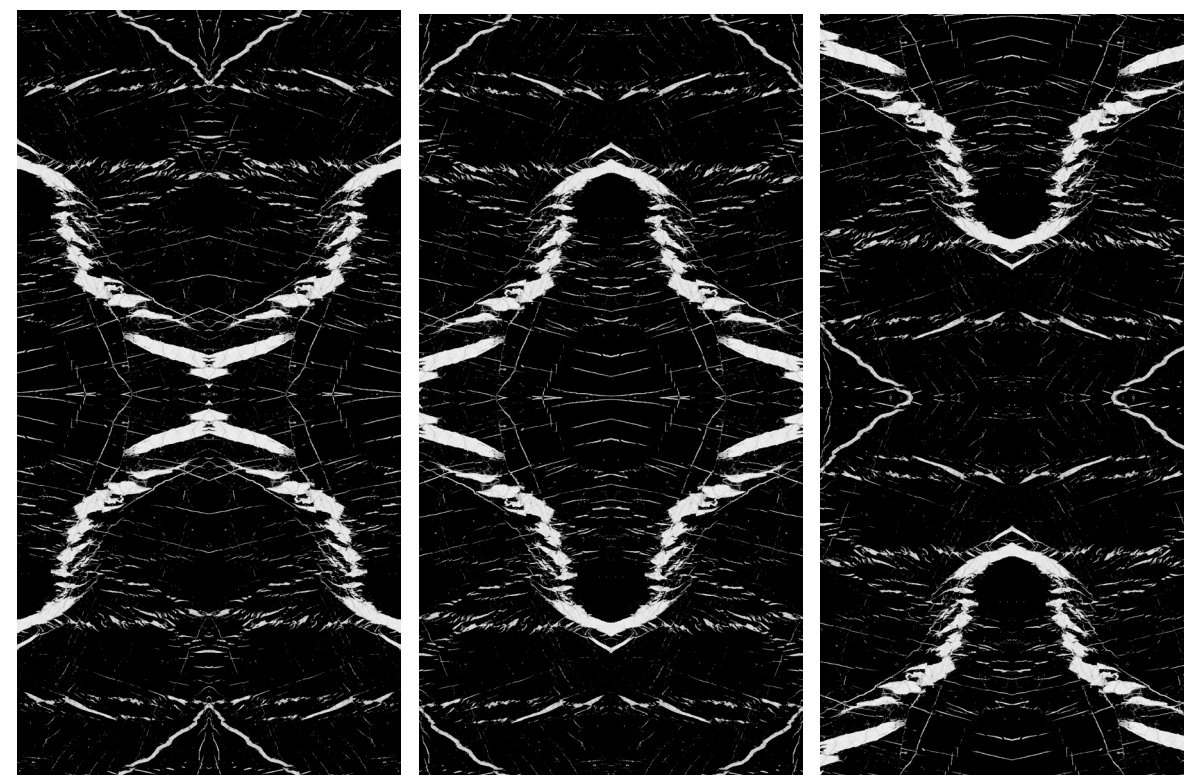
Book Match Variety

Code: ST2048-BM & ST2032-BM

- Every Faces Have 4 Different Book Match
- 48 Seamless Book Match (Up To 240x480 cm)
- 96 Seamless Book Match (Up To 160x320 cm)
- Various Colours
(Also Aavailable with Satina and Transparent Base)

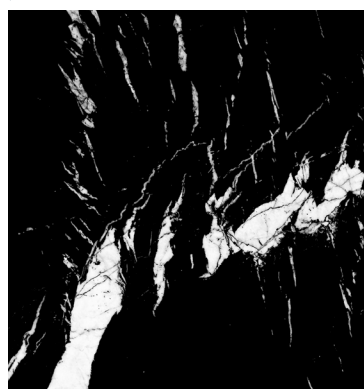


Code: ST2048-BM-B01a to ST2048-BM-B01d

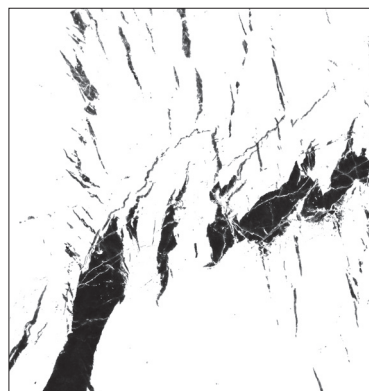


Color Variety

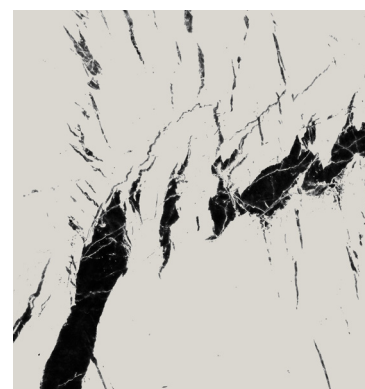
- Black and White Pattern
- Black, White and Grey White (RAL 9002) Base
- Could Be Ordered with Spot Color Pattern and Base
- Available with Satina and Transparent Base



Code: ST2024-B



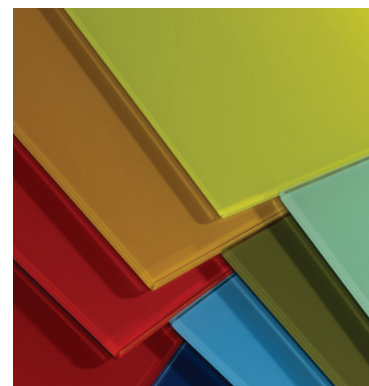
Code: ST2024-W



Code: ST2024-GB



Code: ST2024-GW



Any RAL Color



Nero Marble

Code: ST30

- > 12 Faces for 120X240 cm
- > 24 Faces for 80X160 cm
- > Seamless Book Match from Each Faces
- > Various Colours
(Also Aavailable with Satina and Transparent Base)

UP TO

240x480 cm

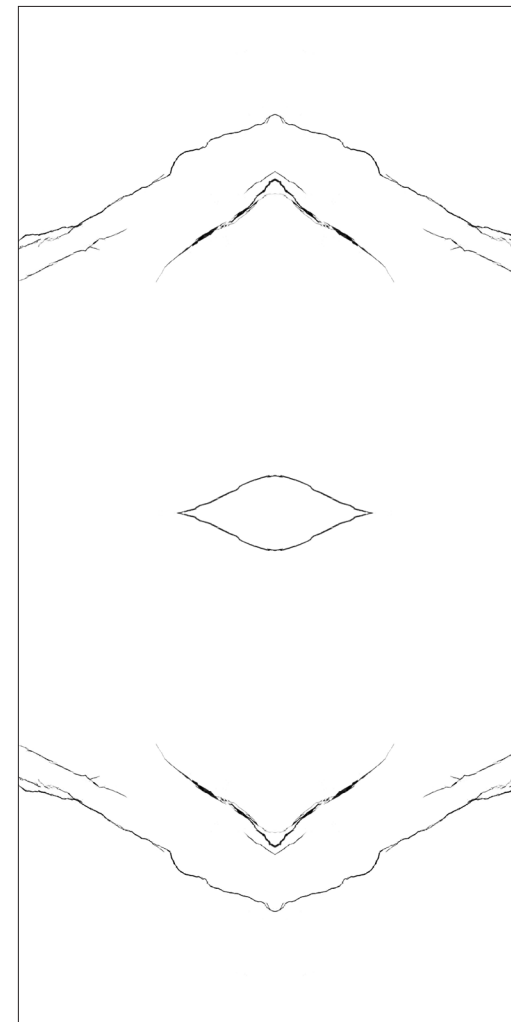


240x480 cm

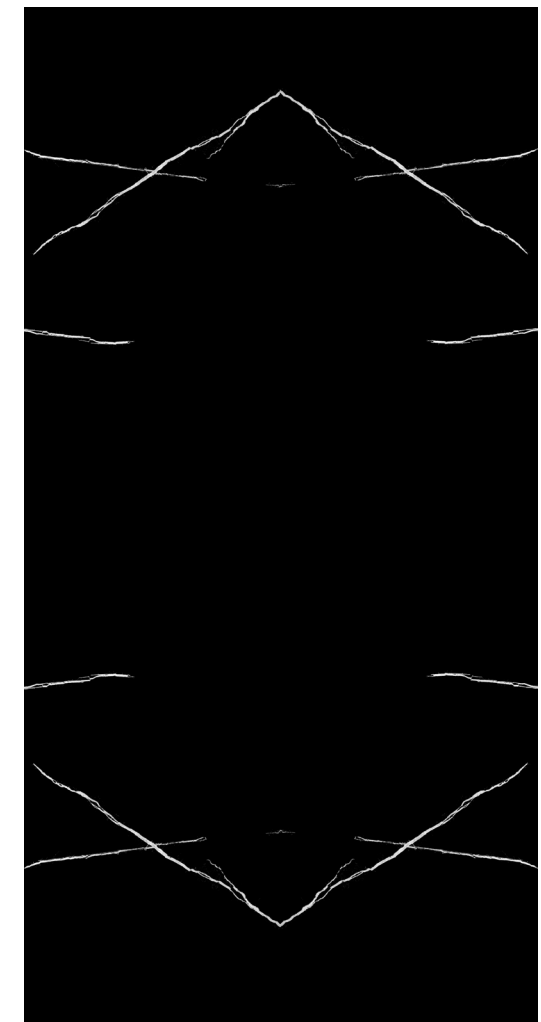
Code: ST3048

- > 48 Seamless Book Match Faces
- > Various Colours
(Also Aavailable with Satina and Transparent Base)
- > Thickness: 8 to 12mm
- > Weight: 230 to 345 Kg

Code:ST3048-W01a



Code:ST3048-BM-B02d



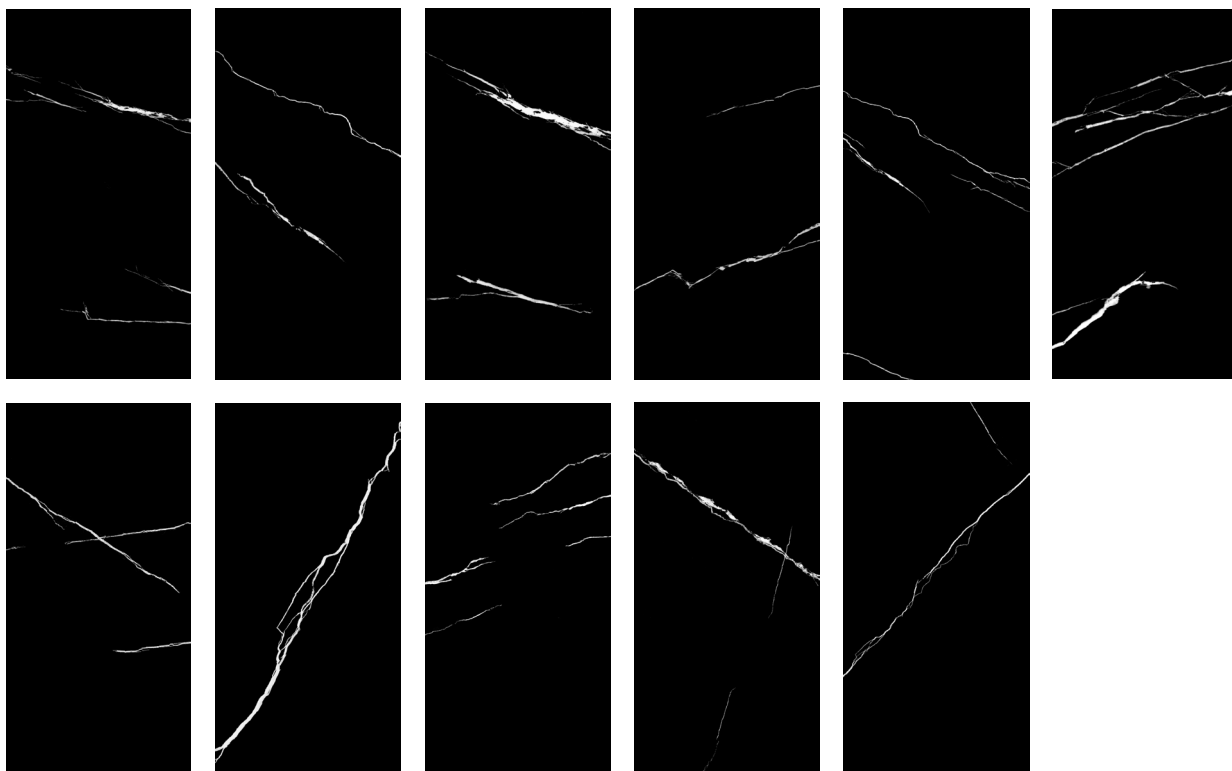
120x240 cm

Code: ST3024

- 12 Faces (Plus 12 Mirrored Faces)
- 48 Book Match Series
- Various Colours
(Also Available with Satina and Transparent Base)
- Thickness: 6 to 12mm
- Weight: 43 to 86 Kg



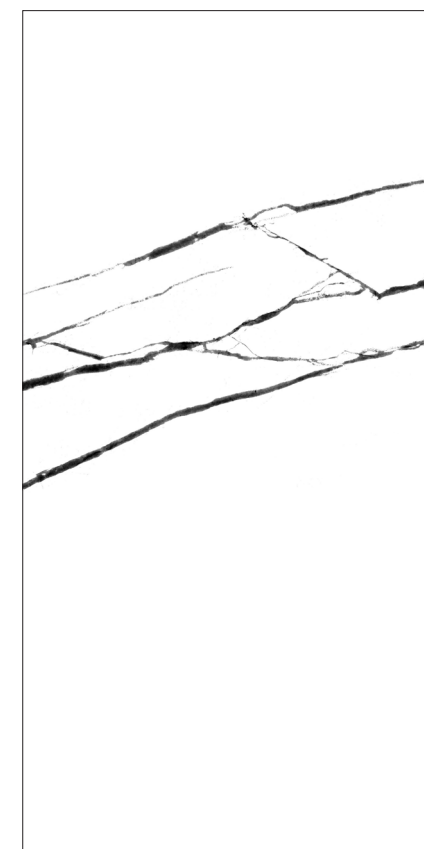
Code:ST3024-W01a



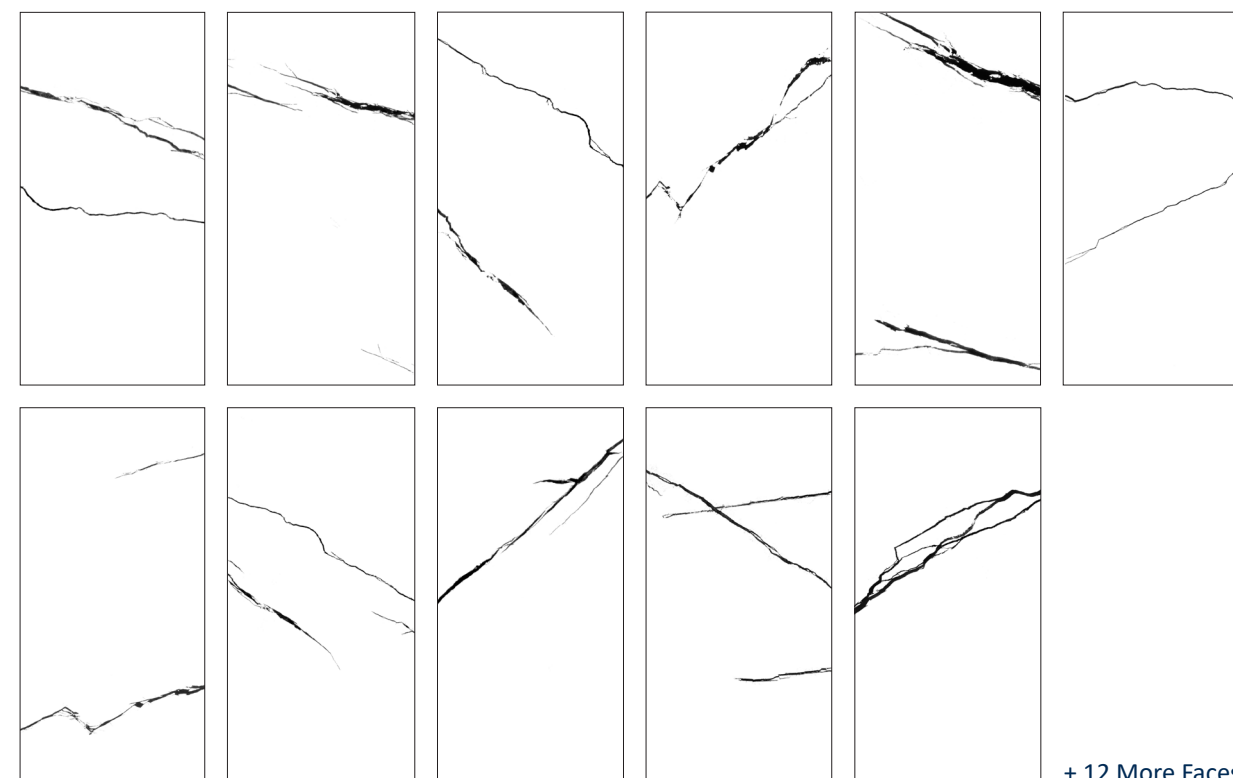
80x160 cm

Code: ST3016

- 24 Faces (Plus 24 Mirrored Faces)
- 96 Book Match Series
- Various Colours
(Also Available with Satina and Transparent Base)
- Thickness: 4 to 12mm
- Weight: 13 to 39 Kg



Code:ST3016-B01a

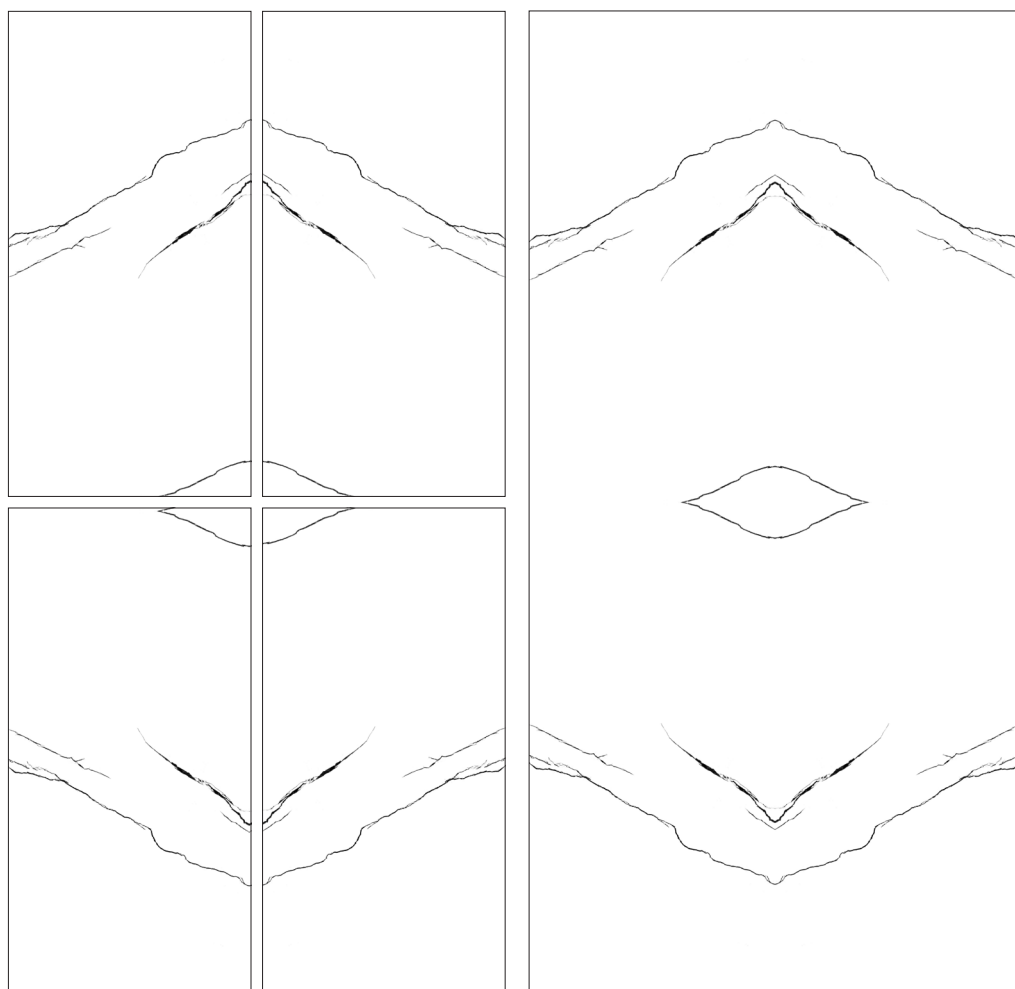


+ 12 More Faces

Seamless Book Match

Code: **ST3048-BM & ST3032-BM**

- Every Faces Could Be Orderd as Seamless Book Match
- 48 Seamless Book Match (Up To 240x480 cm)
- 96 Seamless Book Match (Up To 160x320 cm)
- Various Colours
(Also Aavailable with Satina and Transparent Base)

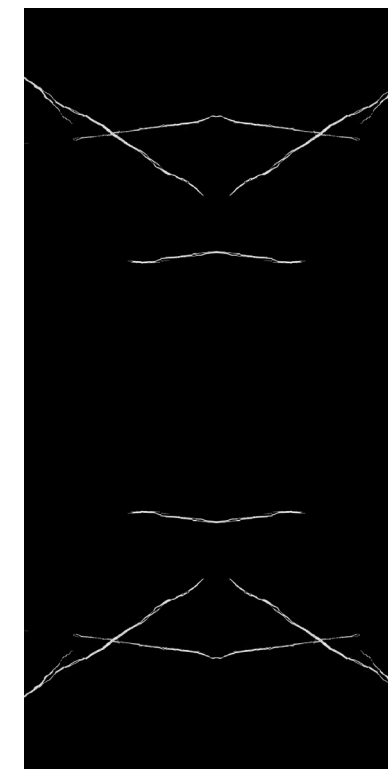


Code: **ST3048-BM-W02a**

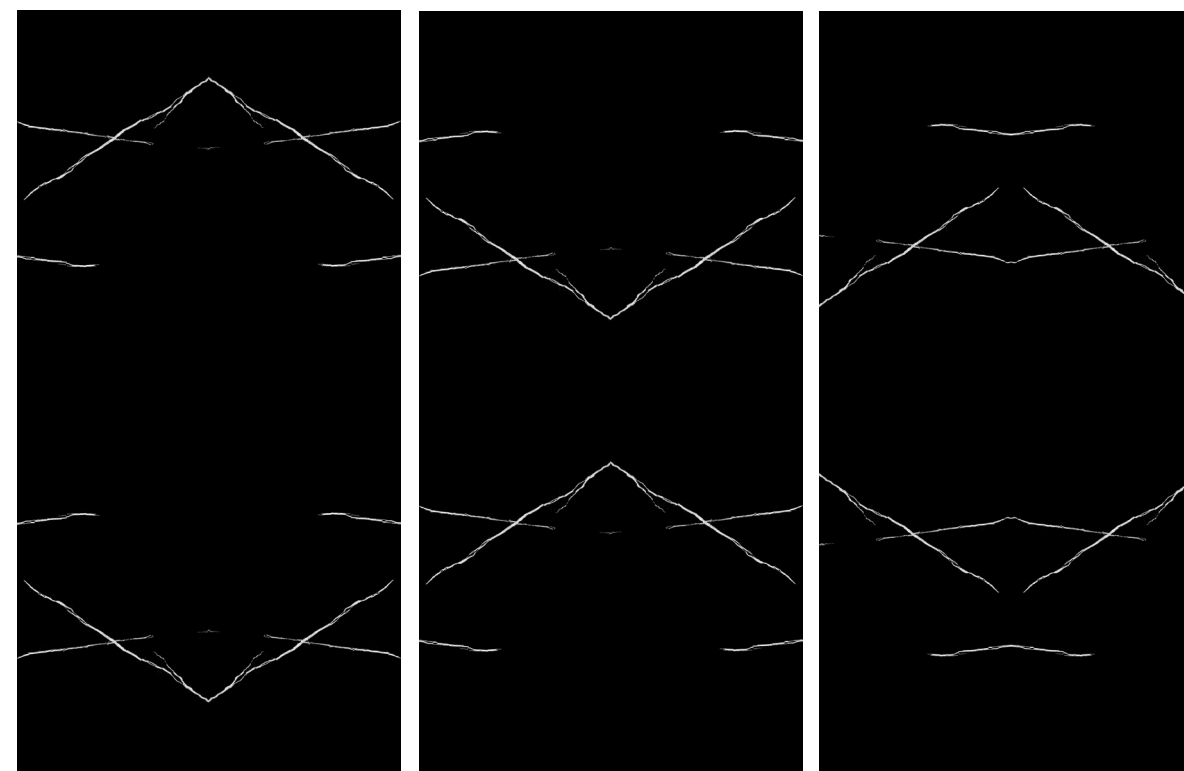
Book Match Variety

Code: **ST3048-BM & ST3032-BM**

- Every Faces Have 4 Different Book Match
- 48 Seamless Book Match (Up To 240x480 cm)
- 96 Seamless Book Match (Up To 160x320 cm)
- Various Colours
(Also Aavailable with Satina and Transparent Base)

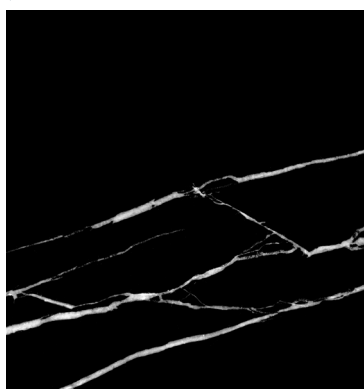


Code: **ST3048-BM-B01a to ST3048-BM-B01d**



Color Variety

- Black and White Pattern
- Black, White and Grey White (RAL 9002) Base
- Could Be Ordered with Spot Color Pattern and Base
- Available with Satina and Transparent Base



Code: ST3024-B



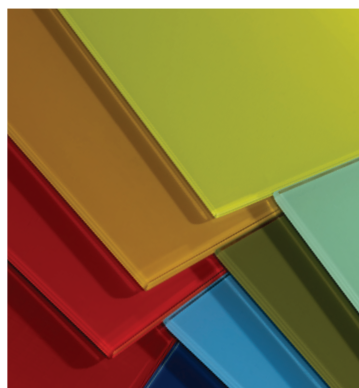
Code: ST3024-W



Code: ST3024-GB



Code: ST3024-GW

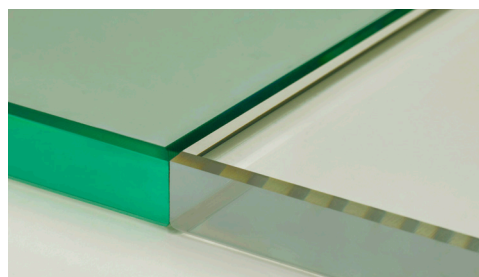


Any RAL Color



Extra Information

Every back painted and printed products could be ordered with different types of flat glass.



Size (cm)	Thickness (mm)	Weight (Kg)	Wall	Floor
80x160	4	13	●	
80x160	6	19	●	
80x160	8	26	●	
80x160	10	32	●	
80x160	12	39	●	
80x160	6+6	39		●
80x160	8+6	45		●
80x160	10+6	51		●
80x160	12+6	58		●
120x240	6	43	●	
120x240	8	58	●	
120x240	10	72	●	
120x240	12	86	●	
120x240	8+8	115		●
120x240	10+8	130		●
120x240	12+8	144		●
240x480	8	230	●	
240x480	10	288	●	
240x480	12	346	●	
240x480	10+10	576		●
240x480	12+10	634		●

“The Legacy
Continues”





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