

ITALY   
ROCK

**HORN**

 **NANO**GRESS®  
Porcellanato





### Cinque Terre

It is a distinct bold painting with rich layering

Must be the God

He slightly draw a few strokes

Making the edges and corners of the rocks, full of miraculous charming







It is the closest place of human world to the heaven  
Or , it is the closet place of heaven to the human  
world. beauty and purity most touching <Cinque  
terre> created by God





# HORN

Origin: Cinque Terre, Italy

Design philosophy: Inspired by the multi-color of Cinque Terre, It is a mixture of modern life of Italian and chasing old times. The looming mark of rhinoceros horn bring brings fortitude back to simple life.

## **HONR-W**

Multiple layouts reproduce the lively texture of natural rock to heighten natural effect after installing.





**HORN-W**  
FLOOR: 300X600mm  
MOSAIC: HORN-W-MA13





**HORN-W**  
FLOOR: 300X600mm





**HORN-W**  
FLOOR: 300X900mm  
MOSAIC:HORN-W-MA16C





**HORN-W**  
MOSAIC: HORN-W-MA17



**HORN-W**  
FLOOR: 600X600mm  
WALL: 300X600mm  
MOSAIC: HORN-MA1





**HORN-W**  
MOSAIC: HORN-W-MA2



**HORN-W**  
WALL: 200X900mm  
MOSAIC: HORN-W-MA2



## **HONR-Y**

Multiple layouts reproduce the lively texture of natural rock to heighten natural effect after installing.





**HORN-Y**  
FLOOR: 212X900mm



**HORN-Y**  
FLOOR: 600X600  
MOSAIC: HORN-Y-MA1





**HORN-Y**  
FLOOR: 300X300mm  
MOSAIC: HORN-MA14



**HORN-Y**  
FLOOR: 600X600





**HORN-Y**  
WALL: 300X600mm  
MOSAIC: HORN-Y-MA1  
**DISENGAGED-D**  
FLOOR: 600X600mm



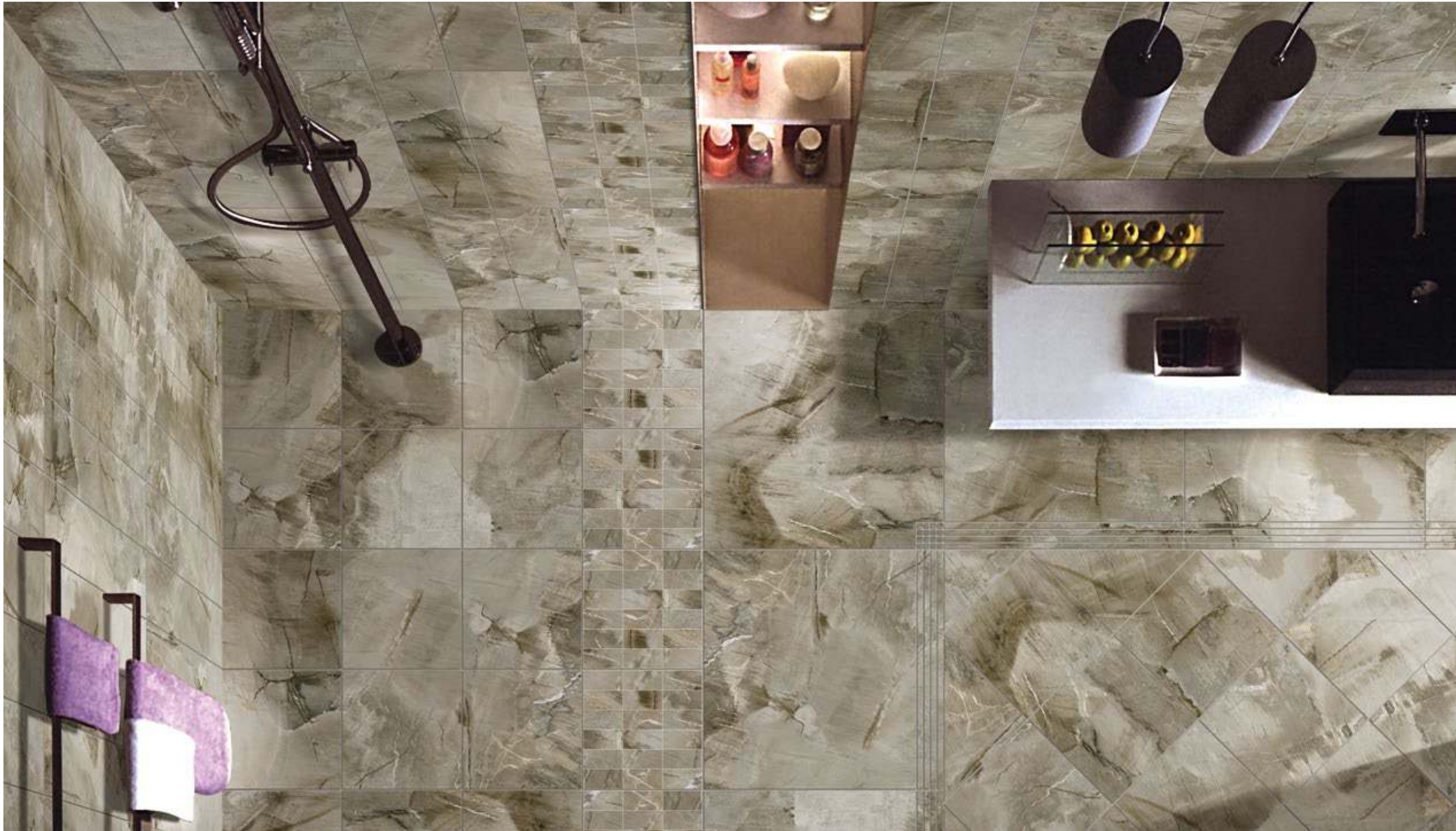
**HORN-Y**  
WALL: 300X600mm  
MOSAIC: HORN-Y-MA1  
**DISENGAGED-D**  
FLOOR: 600X600mm





**HORN-Y**  
FLOOR: 300X600mm  
600X600mm





**HORN-Y**  
FLOOR: 600X600mm  
300X300mm  
MOSAIC: HORN-Y-MA2  
WALL: 200X600mm

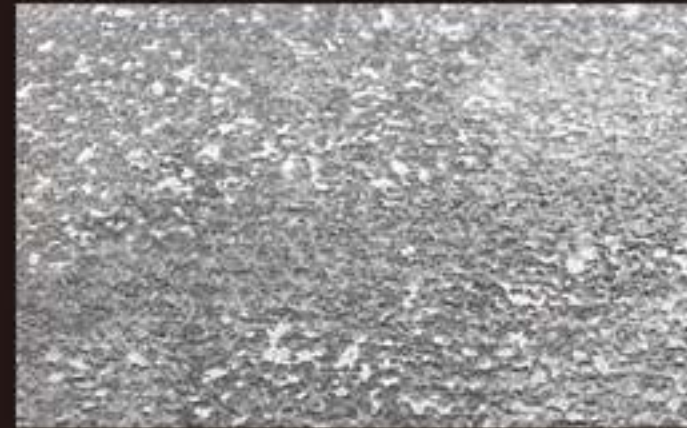




ITALY  
ROCK

ITALY ROCK NATURAL TEXTURE & COLOR

**SURFACE**



LAPATO (S)



GRANIGLIA (FINE GRAINED) (G)



MATT (M)

**CORE TECHNOLOGY**



**Micro-Engraving Technology** - Represent the lively texture of rocks. Originated from Italy design, Italy Rock series has adopted the micro-engraving technology to represent the texture effect on the surface of the tiles, lively as natural rock.



**Numerous surface in One Rock** - Heighten the natural effect with multiple layouts. Italy Rock series has adopted multi-edition positional output technology to guarantee numerous layouts in every product and used various compound techniques to produce multiple surface effect, heighten the nature effect after installing.



**Three-Dimensional Inkjet Technology** - Reproduce Nature color. Using the advanced inkjet equipment and glaze technology to extend the color gamut, the natural color of Rock has been reproduced in Nanogress Italy Rock series.



**High Definition Effect** - Reproduce a real rock. Italy Rock, originated from Italy as its name suggests, realistically reproduces the natural landscape of rock in Italy with its vivid and multiple surface.



■ SIZE (mm)

HORN-W



600X900 24'X36'



200X900 8'X36'



600X600 24'X24'



300X600 12'X24'

HORN-Y



600X900 24'X36'



200X900 8'X36'



600X600 24'X24'



300X600 12'X24'

HORN



HORN-WG  
MA 11 / 338x335



HORN-WG  
MA 17 / 320x330



HORN-YG  
MA 11 / 338x335












HORN-YG  
MA 17 / 320x330







Mix colors  
HORN-WG  
HORN-YG  
MA 11 / 338x335



## TECHNICAL SPECIFICATION

	DESCRIPTION	STANDARD OF TEST	ISO STANDARD REQUIREMENT	NANOGRESS STANDARD
	SIZES	ISO 10545.2	LENGTH AND WIDTH THICKNESS EDGE CURVATURE CENTER CURVATURE WARPAGE ± 0.6% ± 5% ± 0.5% ± 0.8% ± 0.5%	± 0.2% ± 2% ± 0.2% ± 0.2% ± 0.2%
	WATER ABSORPTION	ISO 10545.3	≤ 0.5%	0.03%
	STRENGTH	ISO 10545.4	MODULUS OF RUPTURE BREAKING STRENGTH R <sub>355</sub> /MM <sup>2</sup> ≥ 1300N	55N/MM <sup>2</sup> > 1700N
	SURFACE ABRASION	ISO 10545.7	ACCORDING TO MANUFACTURER'S DATA	MIN PE13
	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545.8	TEST METHOD AVAILABLE	6.5X10 <sup>-6</sup> °C <sup>-1</sup>
	RESISTANCE OF THERMAL SHOCK	ISO 10545.9	TEST METHOD AVAILABLE	GUARANTEED
	FROST RESISTANCE	ISO 10545.12	REQUIRED	REQUIRED
	CHEMICAL RESISTANCE	ISO 10545.13	MANUF. TO STATE	MANUF. TO STATE
	STAIN RESISTANCE	ISO 10545.14	CLASS 3 MIN	CLASS 3 MIN

## PACKING DETAILS

SIZE (mm)	PCS/BOX	W/BOX	H/BOX	BOXES/PALLET	PCS/PALLET	W/PALLET	H/PALLET	BOXES/CNT	W/CNT	H/CNT
   										
100X100 1200x1200	10	1.35	32.50	36	360	48.00	1156	828	1117.00	26379
200X100 1200x1200	9	1.62	38.50	40	360	64.00	1540	700	1124.00	20950
300X100 1200x1200	4	1.08	27.50	56	224	60.48	1540	952	1026.16	26180
400X100 1200x1200	3	1.62	38.50	40	120	64.00	1540	700	1124.00	20950
500X100 1200x1200	2	1.62	42	38	76	61.56	1596	608	904.96	20326
600X150 1200x1200	4	1.62	43	44	176	71.28	1892	616	907.92	26488
100X100 1200x1200	11	0.99	22.50	54	594	53.46	1215	1188	1176.12	26730
200X100 1200x1200	11	0.99	22.50	54	594	53.46	1215	1188	1176.12	26730
300X100 1200x1200	8	1.44	32.50	40	320	57.60	1300	820	1180.80	26880
400X100 1200x1200	4	1.44	32.50	40	160	57.60	1300	820	1180.80	26880
600X150 1200x1200	2	1.44	41.50	52	104	74.88	2184	836	914.40	26670
900X180 1200x1200	2	3.24	62.00	30	60	97.20	1890	420	1360.80	26460

The above info is for reference only