



stonite

ELEGANT
FUNCTIONAL
AFFORDABLE



STONITE Terastone products are tiles and thin single layer slabs produced by combining and compacting local aggregates bonded with first grade Portland cement using a “vibration under vacuum process” developed by BRETON of Italy. The resulting product is a dense engineered stone with homogenous aggregate distribution and very low water content. Its minimal porous structure makes it stain resistant, durable, and strong even when cut to narrow thicknesses. The dense aggregate distribution gives it a look comparable to natural stones.

STONITE produces 40 by 40, 60 by 60, or 168 by 53 cm tiles or slabs up-to 1000 square metres per day in its robotic production line built by BRETON utilizing very precise recipes. We can also perform resizing and bevelling and edge shaping in post-production to meet customer needs.

STONITE Terastone tiles and slabs can have polished, honed (matte), antiqued, or sand-blasted surfaces as required by the functional or aesthetic needs of our customers.

STONITE Terastone tiles use first grade Portland cement as natural bonding agent to achieve a high quality above the traditional composite stone technology. As a result, **STONITE Terastone** products:

- ▶ ▶ ▶ have higher slip-resistance and strength and minimal water absorption in comparison to similar products
- ▶ ▶ ▶ are manufactured with completely natural material in an eco-friendly plant
- ▶ ▶ ▶ are categorized as non-flammable, and do not produce poisonous gasses or smoke when heated.
- ▶ ▶ ▶ have high freeze-thaw resistance

STONITE Terastone products with homogenous aggregate distribution provide wide range of options for architects and designers due to its pattern and colour uniformity very large areas in comparison to natural stone products.

STONITE products can be used as floor coverings as well as building or wall cladding inside and outside locations producing aesthetic, functional, and durable surfaces with affordable budgets.

STONITE exports its production to Turkey, Europe, and other countries worldwide.



STONITE Product Sizes (cm) and Thicknesses (mm)

	40x40	40x40	60x60	60x60	68x153	68x153
Marble	15 mm	18mm	20 mm	25 mm	25 mm	30 mm
Granite	15 mm	18mm	20 mm	25 mm	25 mm	30 mm

*The above values are our standard product thicknesses. They can be produced with different thicknesses optionally.

Polished

The product is polished with multiple robotic diamond cutters. This high-tech process produces tiles with very high glossmeter values.



Sand-blasted

Sand-blasting gives the tile a homogeneously rough texture surface suitable for cladding or floor covering in outdoor locations with a very high slip-resistance. Also custom sand-blasted strips can be made to prevent slippage on stair steps.



Honed (matte)

Under a slightly different process the product is cut to have a matte and pastel look that serves certain aesthetic requirements.



Antiqued (Patinated)

The product surface is brushed to give it a retro look. The resulting tile is also less slippery than polished tile.





B-4111-04



M-4010-04



M-4090-04



M-4222-04



M-4228-04



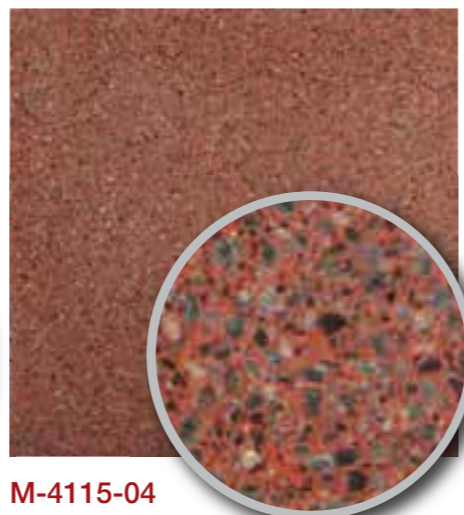
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M-4110-04



M-4111-04



M-4115-04



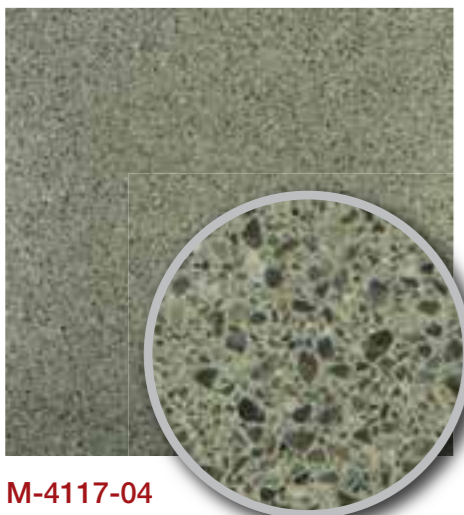
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MM-4110-S06



MM-4200-S06



M-4117-04



M-4118-04



M-4200-04



MM-4220-S06



MM-4290-S06



M-4110-06



MM-4200-P12



MM-4220-P12



MM-4290-P12



Q-4008-04



G-4990-06



G-4995-06



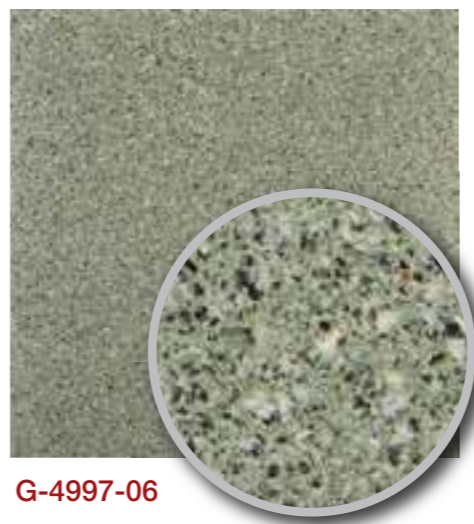
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PEBBLE-40



PEBBLE-A-40



G-4997-06



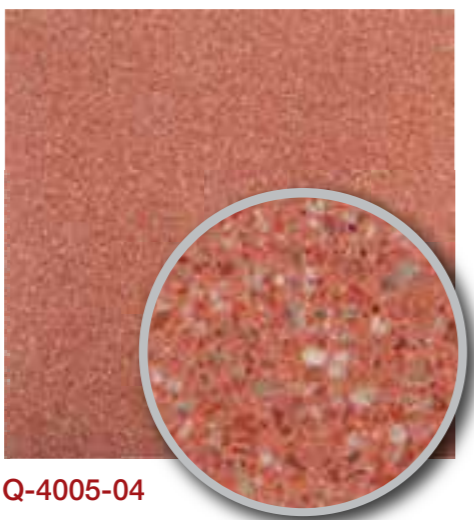
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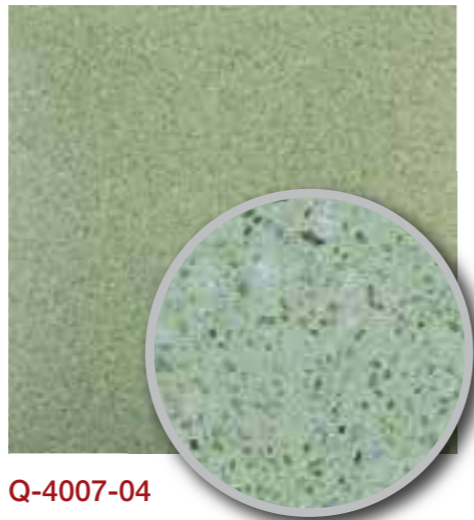
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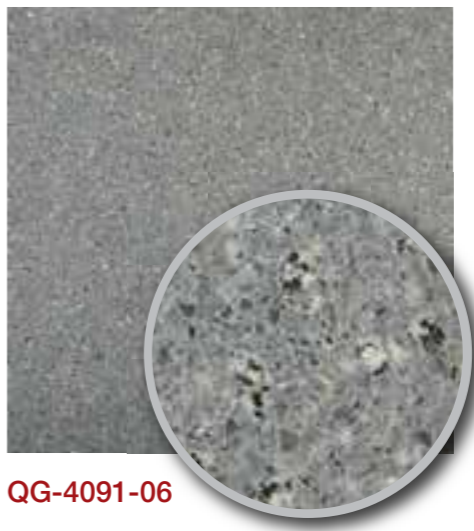
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Q-4005-04



Q-4007-04

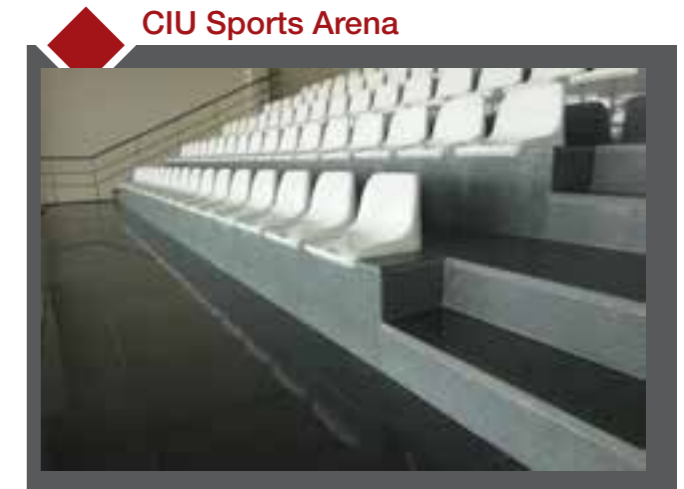


QG-4091-06

	Marble	Granite	Standard
Binder	1st Class Portland White Cement	1st Class Portland White Cement	25 mm
Natural Stone Granule Size (μ)	100-8000	100-8000	ASTM-C136/84
Specific Gravity (gr/cm³)	2.48	2.47	UNI 10444
Flexural Strength (N/mm²)	8,5-9,5	9,5-10,2	UNI 6133
Impact Resistance (Joule)	1,90 (Thickness 15 mm)	1,96 (Thickness 15 mm)	UNI 10442
Resistance of Abrasion (mm³/50 cm²)	335	320	UNI 10532
Surface Hardness (Mohs)	4-5	5-6	BS 6431
Water Absorption (By weight %)	1,5-4,2	1,4-3,9	UNI 10444
Slip Resistance	0.79	0.78	ASTM-C 1028
Resistance to Fire	Class 0	Class 0	ISO/DIS 1182.2
Resistance to Freeze/Thaw	Resistant	Resistant	DIN 52104



VSOP School, Belgium



CIU Sports Arena



IPKB School, Istanbul



Levent Homes



Fatih Student Dorms



Lemar Market

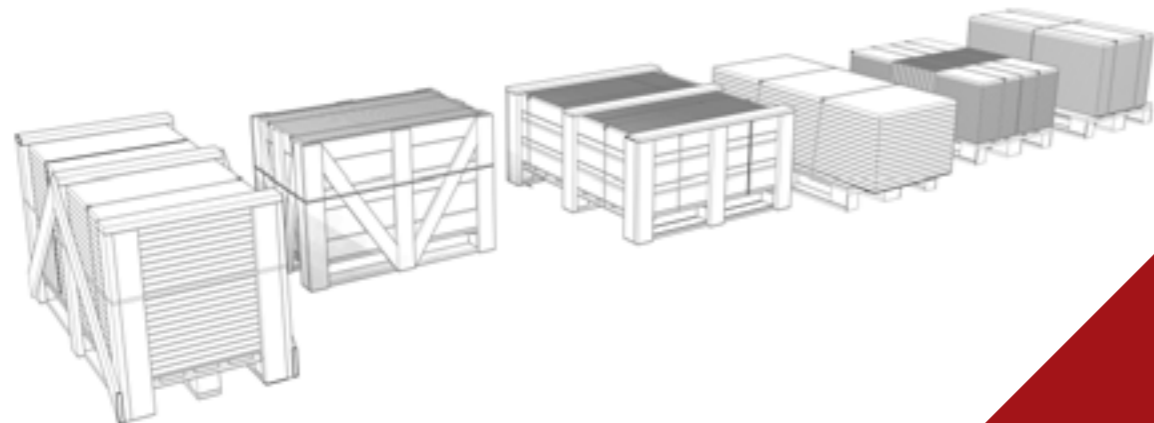
**CONTAINER
STANDARD 20'**

PRODUCT TYPE	Packaging (m ² /Crate)	Qty. Per Crate	No. of Crate Per Container	Qty. of Container m ²	Product Weight kg	Total Crate Weight	Crate Sizes
40X40X1.5	31,20	195	21,00	655	6,0	1210	133x108x55
60X60X2.0	18,00	50	27,00	486	18,0	940	111x70x75
153X68X3.0	21,84	21	14,00	306	78,0	1679	160x79x80
153X68X2.5	26,01	25	14,00	364	65,0	1666	160x79x80

**TRAILER
STANDARD 1360*245**

ÜRÜN CİNSİ	Packaging (m ² /Pallet)	Qty. Per Pallet	No. of Pallet Per Container	Qty. of Container m ²	Product Weight kg	Total Crate Weight	Crate Sizes
40X40X1.5	25,60	160	26	655,60	6,0	990	120x80
60X60X2.0	18,00	50	27	486	18,0	930	120x80
60X60X2.5	14,40	40	27	388,80	22,5	930	120x80
153X68X3.0	15,60	15	21	328	78,0	1200	120x80
153X68X2.5	18,72	18	21	393	65,0	1200	120x80

**The information above is provided approximately and may show differences due to order's conditions and thickness of the selected products.



Podium Park

Cyprus International University



Sapphire Villas

Şırnak University



Bayraktar Via Flat

Kempische Eierhandel



Head Quarters

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