

SPARTEN GRANITO PVT LTD



SPARTENTM
MARVELOUS MARBLE

Where we are

- India Rank 2nd in Tile manufacturer all over the Globe.
- Sparten Granito Private Limited located at Morbi, the ceramic hub of India.
- Sparten Group of Companies are working in Joint Venture with H & R Johnson Pvt Ltd.

Introduction to Company

Sparten Group of Companies are leading manufacturers of Ceramic Glazed Vitrified Tiles and Ceramic Wall Tiles. We are a Group of Six Companies having Production of **90000 Square Meter** Tiles per day at Morbi, the ceramic hub of India.

Group of Companies

Sr No	Name of Company	Size	Daily Production(in Sq mtr)
1	Sparten Granito Pvt Ltd.	800 X 800 mm 800 X 1600 mm	16500
2	Sperita Granito LLP.	600 X 1200 mm	18000
3	Sanskar Granito Pvt Ltd.	600 X 600 mm	17500
4	Solizo Vitrified Pvt Ltd.	600 X 600 mm	17500
5	Spectrum Johnson Pvt Ltd.	1000 X 1000 mm 1200 X 1200 mm 1200 X 2400 mm	15000
6	Sanskar Ceramic Pvt Ltd	300 X 600 mm (Wall Tiles)	12000



800mm x 800mm

SPARTEN GRANITO PVT. LTD.



800mm x 1600mm

SPARTEN GRANITO PVT. LTD.



PRICE
IS WHAT YOU PAY

VALUE
IS WHAT YOU GET

TIME IS THE MOST
VALUABLE

THING A MAN CAN SPEND.



random
effect



natural
effect



versatile
installation



spacer
suggest

600mmx1200mm

SPERITA GRANITO

partengranito.com





600mmx600mm

SANSKAR JOHNSON PVT. LTD.



JOHNSON PORSELANO

SON PORSELANO

600mmx600mm

SOLIZO VITRIFIED PVT. LTD.



1000mm x 1000mm

SPECTRUM JOHNSON PVT. LTD.



1200mm x 1200mm

SPECTRUM JOHNSON PVT. LTD.



300mm x 600mm

SANSKAR CERAMIC PVT. LTD.

Surfaces

- Glossy Finish
- High Glossy
- Soft Rustic
- Hard Rustic
- Satin Finish
- Carving Matt
- Sugar
- Lapatto
- Mould Surface

Exporting Countries

- ❖ USA
- ❖ NETHERLAND
- ❖ ITALY
- ❖ UK
- ❖ PORTUGAL
- ❖ POLAND
- ❖ MEXICO
- ❖ VIETNAM
- ❖ AUSTRALIA
- ❖ TAIWAN
- ❖ GULF COUNTRIES
- ❖ ISRAEL
- ❖ PERU
- ❖ RUSSIA

Quality Control

- Here, quality control can be divided into two parts.
 - ❑ Quality plan of incoming raw materials
 - ❑ Quality plan in process

Quality Plan of Raw Materials

Incoming Material	Inspection/ test	Requirements	Frequency of Inspection/ Test	Inspection/ Test method
SODA	Acid Test	Pass	Each Truck	3 % V/V HCL Solution
	Residue	Maximum 2%	Each Truck	By tap Method With (200 #)
	Shrinkage	Minimum 10 %	Each Truck	By Vernier Caliper
	L Value	Minimum 40	Each Truck	Spectrophotometer
SN-1	Acid Test	Pass	Each Truck	3 % V/V HCL Solution
	Residue	Maximum 2.5 %	Each Truck	By tap Method With (200 #)
	Shrinkage	Minimum 11%	Each Truck	By Vernier Caliper
	L Value	Minimum 50	Each Truck	Spectrophotometer
	Plasticity	Minimum 35	Each Truck	By Burette

Quality Plan In Process

Process	Inspection/ Test	Requirements	Frequency of Inspection/ Test	Inspection/ Test method
Grinding In Ball Mill	Time	Mixing and Grinding of Clay with Water for 6.30 to 8 Hours	Each Ball Mill	By Stop Watch
	Screening	Pass Through 60 # and Magnetic	Do	With Vibrator
	Slurry Viscosity	25 to 45 Sec	Each Ball Mill	B-4 Cup and Stop Watch
	Slurry Density	1.65 to 1.72 gm/cc	Each Ball Mill	Density Bottle
	Slurry Residue	0.70 to 0.85 %	Random	By Tap Method With 240 #
Spray Drying	Chamber Temperature	600 C	Do	Temperature Meter
	Moisture	5 to 6.5 %	Each Batch	By Oven and Weight Balance
	Mesh	25 # Max 15 %	Random	By Sieve Analysis
		120 # Max 2 %	Random	By Sieve Analysis
	Plasticity	Minimum 26.5	Each Batch	By Burette

Quality Parameters

Product	Inspection/ test	Inspection/ Test method	Value
Digital Glazed Vitrified Tiles	Deviation in length and Width	ISO – 10545-2	\pm 0.1 to 0.3 mm
	Deviation in Thickness	ISO – 10545-2	\pm 0.1 to 0.4 mm
	Straightness of Sides	ISO – 10545-2	\pm 0.1 to 0.2 mm
	Rectangularity	ISO – 10545-2	\pm 0.1 to 0.3 mm
	Curvature	ISO – 10545-2	-0.6 to 0.3 mm
	Glossiness	Glossy Meter	>97
	Stain Removal Test or Marker Test	Marker Pen	Marker Removed Completely
	Water Absorption	ISO – 10545-3	\leq 0.05 %
	Modulus of Rupture	ISO – 10545-4	450 Kg/Cm ²
	Breaking Strength	ISO – 10545-4	>2000 N

Units of Factory

- Raw material Unit
- Press Unit
- Dryer Unit
- Glaze Line Unit
- Digital Printing Machine Unit
- Kiln Unit
- Polishing line Unit

Ultra Modern Technology



Raw Material Processing Machinery

- ❑ Company - KEDA
- ❑ Capacity – 60 Tonnes/Ball Mill
- ❑ Best Quality Raw material

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Press Unit Machinery

- ❑ Company-SACMI
- ❑ Capacity-PH 7500

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Dryer Unit Machinery

- ❑ Company -SACMI
- ❑ 5 Layer Dryer

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Glaze Line Unit

□ Application

- I. Engobe
- II. Opaque
- III. TR (Airless ,Bell Flow)
- IV. Back wash

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Digital Printing Unit Machinery

- ❑ Company-HOPETECH
- ❑ 8 Color Printing Bar

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Kiln Unit Machinery

- Company -SACMI
- Length -224.7 Meter

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Polishing line Unit Machinery

- ❑ Company-KEDA
- ❑ 4+2 Polishing Units
- ❑ 2 Step Sizing Units



ARMANI BRONZ LIGHT
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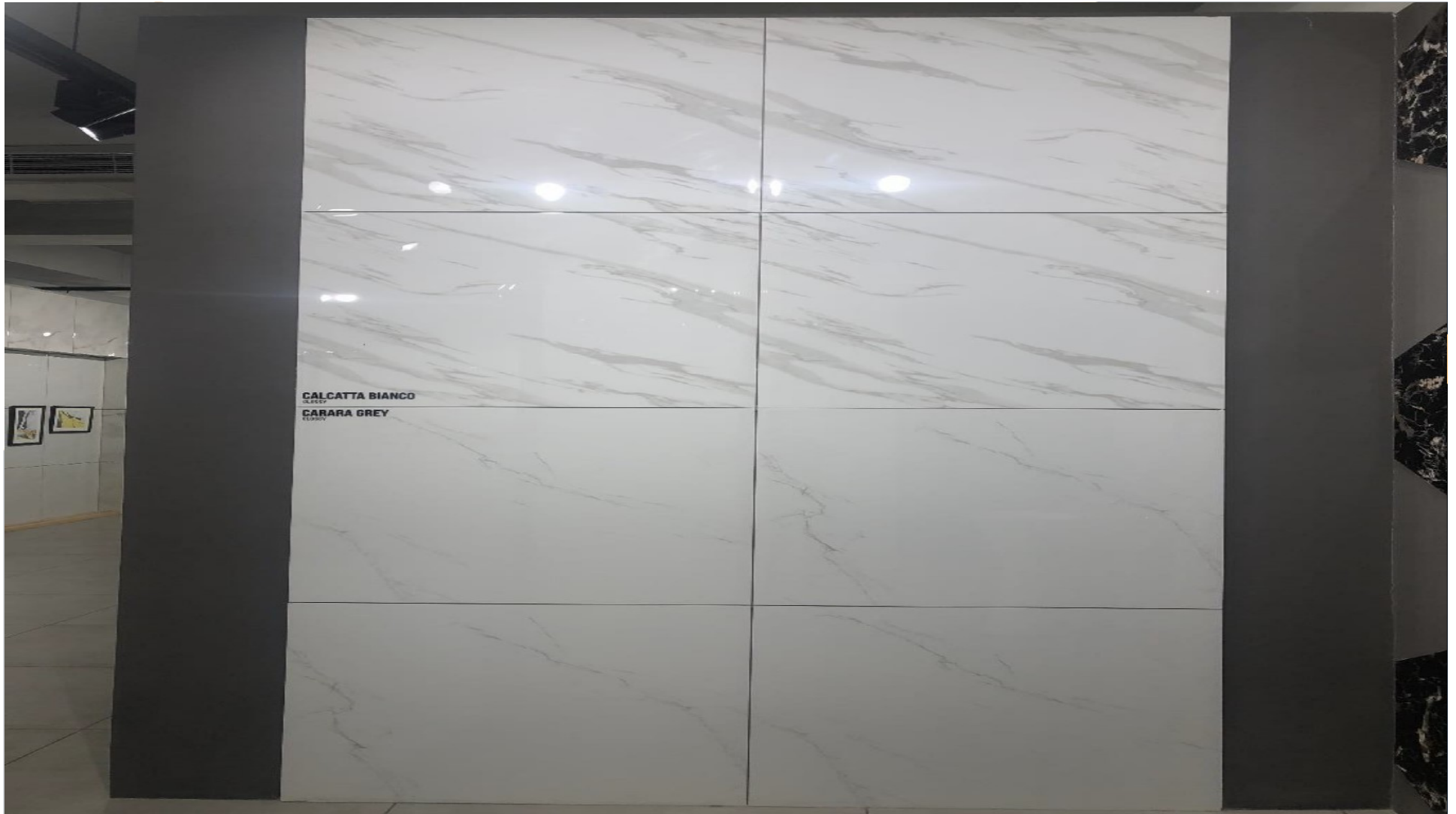
PIZZERIA CREMA



MARBLE WHITE
100x100



ARMANI AMBER CREMA
GLASS



CALCATA BIANCO
CLASSIC
CARARA GREY
CLASSIC



DYNA CREMA
DI UCCE



DYNA FANTA

DYNA BROWN

DYNA CAFE









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MARVELOUS MARBLE

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THANK YOU