

Oberon: The Magic of Natural Beauty

Inspired by the king of the fairies in Shakespeare's A Midsummer Night's Dream, The Oberon range was designed to bring the magic of natural beauty to your home. These high-quality porcelain tiles feature a realistic stone design that captures the unique characteristics of classic sedimentary rock. Whether you want to create a dreamy bathroom, a cozy living room, or a stunning elegant space, the Oberon series can help you achieve your vision.

The Oberon range enchants with a warm colour palette of taupe, beige and silver. The tiles also have a slight tonal variation, replicating the magic of natural stone, and adding to the organic and authentic appeal.

Oberon Porcelain Tiles are easy to install, maintain, and clean. They are resistant to stains, scratches, and water, and can withstand harsh weather conditions. They are also environmentally friendly, as they are made from natural materials and do not emit any harmful substances. With Oberon Porcelain Tiles, you can enjoy the beauty of natural stone, without the hassle and cost of maintaining it.

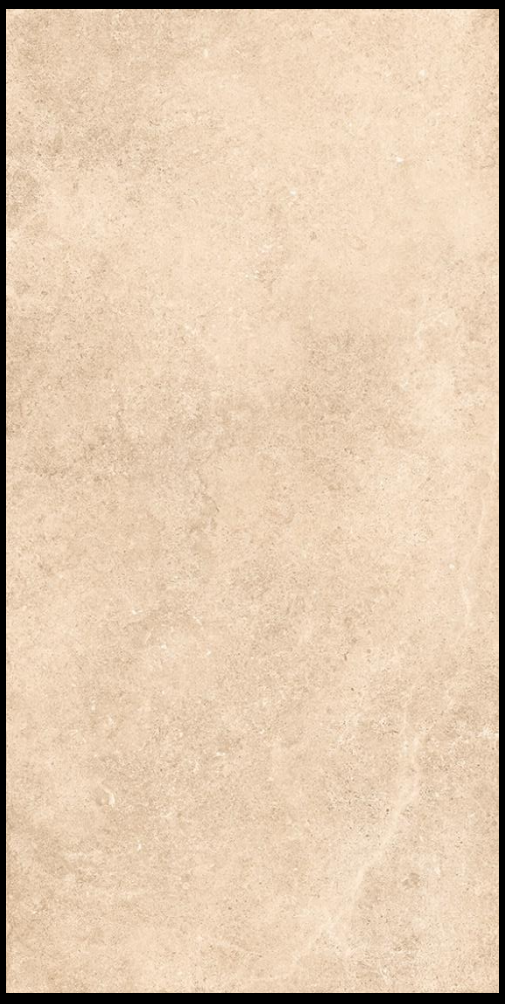


Oberon

600x600mm
600x1200mm



Argento Silver



Beige



Taupe

Technical Porcelain

V2 Variation

Rectified Edge

Matt Finish

Floor Cat. 4

10

600x600mm

Made in India

GNS Ceramics recommends that our retail shops pass on the following information to the installer and end-user.

Click or Scan for Installation Instructions

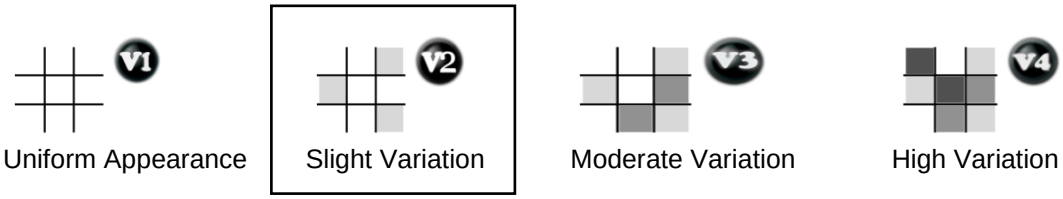
Ceramic tiles are only one component of a much larger building system. It is our experience that failure of any tiling system is very often the result of a combination of factors. For example; inappropriate design, type of substrate, surface preparation, temperature during installation, adhesives, incompatibility of products, product failure, environmental factors skill and knowledge of the installers etc; the latter being supplied or controlled by a variety of manufacturers and tradesmen. GNS Ceramics has no involvement in the design, selling and installation processes and once goods have been dispatched from our warehouse we have no control over where and how these products are used. As a result the project manager, and or the tiler are the only people in a position to ensure that all the components used in a project are compatible and that the product is installed in accordance with the Australian Building Code and the Australian Standards.

Installation Instructions for all types of tiles can be found in the GNS Ceramics Price List, and on our website. We suggest these are followed at all times.

Cleaning and Maintenance

Do not use abrasive cleaners and chemicals which could permanently scratch and damage the surface of the tile. For daily cleaning we recommend the use of a mild PH Neutral detergent. Should a more vigorous cleaning programme be required we recommend the use of a proprietary tile cleaner from a specialty tile supplier.

Colour & Pattern Variation Guide



Uniform Appearance | Slight Variation | Moderate Variation | High Variation

Slip Resistance

The best way to minimise the risk of slipping is through safe design principals. This involves a risk management approach which evaluates the likelihood and consequence of an incident to occur. Slip resistive flooring is only one of the design components to consider, other design features should also be considered, including awnings, airlocks, matting and a suitable cleaning regime to reduce the extent of contaminates. Visual aids, warning signs, handrails and lighting, along with the footwear to be worn, should also be considered.

All ceramic tiles can be slippery, particularly when wet. This includes tiles, commonly used in wet areas such as bathrooms. It is important that customers be aware of the potential danger of wet ceramic tiles and seek advice from the retailer as to the level of slip-resistance of any particular tile, and its suitability for the intended application. If there is any doubt, tiles should be tested for slip-resistance immediately after being laid, under the conditions that they will be subject to during use. While tiles may achieve an acceptable standard in a laboratory test, it is quite probable that the performance in-situ will be less than expected, due to installation methods, wear & tear, cleaning regimes and unforeseen circumstances. Test results should therefore to be seen as a relative guide to estimate the merits of one tile versus another and should be used in conjunction with the Australian Building Code and the relevant Australian Standards. Further information on slip resistance is provided in the Australian Standards HB198:2014 - An Introductory guide to the slip resistance of pedestrian surface materials.

There are many factors beyond the control of the supplier that can affect the level of slip-resistance of tiles, or contribute to the incidents of injury through slipping. Consequently, the laboratory test results presented here must not be viewed to mean that GNS Ceramics Pty Ltd, is providing any warranty, nor will accept any liability for personal injury or accidents arising from the selection or installation of tiles under any circumstances.

Classes of Use

The classification has taken into account the recommendations of the Australian Standards; however, they are given for general guidance only. They are valid for the given application under **NORMAL CONDITIONS** and should not be taken to provide accurate product specifications for specific requirements.

WARNING: Other standards and building code requirements may affect your selection of tiles.

Consideration should be given to the footwear, type of pedestrian traffic and cleaning methods expected. Floors should be adequately protected against soiling from following trades during installation; they should also be protected against scratching dirt at the entrances to building by interposing footwear cleaning devices. For example, mats, shoe scrapers, static devices, etc.

CLASS 4 - Floor coverings that are walked on by regular traffic with some scratching dirt so that conditions are more severe than CLASS 3; For example, entrances, laundries with external access, living areas, entertainment areas, patio's, sales rooms, motels.

NATIONAL CERA LAB
CERAMIC LABORATORY

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Nr. Argil Ceramic, 8-A, N/H, Morbi - 363 642 (Guj.) INDIA.

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As per all Countries Export report of Wall, Floor, Vitrified Tiles & Sanitary Wares

Ref. No.

Date :

Report no NCL/Sugar Finish Tile /EN ISO/08/204/2023-24

Issue date of report Aug. 31. 2023

TEST REPORT

Name of Company	**M/s LAVISH GRANITO PRIVATE LIMITED.**
Company Address	Survey No. 127/1 P2P1, 135/2 P2, Village Unchi Mandal, Dist - Morbi, Gujarat, India.
Lab Identity of test sample	Ceramic Tiles/ NCL/BS EN/NON/2023-24/164
Receive Date	23rd. Aug. 2023
Date of Test	23/08/2023 to 29/08/2023 (dd/mm/yy)
Type	Dry Press Ceramic Tiles with low water absorption Ev ≤ 0.5% Group BI a
Nominal size (N)	1200X600 mm (Rectified)
Work Size (Sw)	1200x600x8.5 mm (Rectified)
Nature of surface	Glazed (GL.)
Party Given descriprtion	Matt Curving Sugar Finish
Received Box	
Quantity of sample	06 Pieces.
Referance Test standard	BS EN 14411 : 2016 - Annex G , Dry Press Ceramic Tiles with low water absorption (E≤ 0.5%) Group BI a
No of pages of the report	4 Page

	Test Name	Standard No. for test method
1	Determination of Dimensions & Surface Quality	EN ISO 10545 - 2
A	Length & Width	EN ISO 10545 - 2
B	Thickness	EN ISO 10545 - 2
C	Straigthness of Sides	EN ISO 10545 - 2
D	Rectangularity	EN ISO 10545 - 2
E	Surface Flatness	EN ISO 10545 - 2
F	Surface Quality	EN ISO 10545 - 2
2	Determination Water Absorption in %	EN ISO 10545 - 3
3	Determination of Breaking Strendth in N, & Modulus of Rupture N/mm²	EN ISO 10545 - 4
4	Resistance to Surface Abration	EN ISO 10545 - 7
5	Coefficient of Linear Thermal Expansion	EN ISO 10545 - 8
6	Thermal Shock Resistance	EN ISO 10545 - 9
7	Crazing Resistance	EN ISO 10545 - 11
8	Slipperness	DIN 51130:2014
9	Frost resistance	EN ISO 10545 - 12
10	Moisture Expansion mm/m	EN ISO 10545 - 10
11	Small colour differences	EN ISO 10545 - 16
12	Impact Resistance	EN ISO 10545 - 5
13	Reaction to Fire	WT
14	Bulk Density , in (g/cc)	EN ISO 10545 - 3
15	Scratch Hardness of Surface	IS 13630 - 13
16	Resistance to Stain	EN ISO 10545 - 14
17	Resistance To Low Concentration of Acid & Alkali	EN ISO 10545 - 13
18	Resistance To High Concentration of Acid & Alkali	EN ISO 10545 - 13
19	Resistance to house chemical	EN ISO 10545 - 13
20	Resistance to swimming pool salt	EN ISO 10545 - 13
21	Lead and Cadium Release in mg/dm³	EN ISO 10545 - 15

Tested by
Nimesh Kavar (Testing Eng)

Checked & Verified By
Jerambhai Kavar (T.M)

Reviewed & Approved By
Jerambhai Kavar(QM/TM)

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		Requirements for Nominal Size N ≥ 15 cm		Result
1	**Dimensions and Surface Quality**			
A	**Length** The deviation in mm of the average size of each tile (2 sides) from the work size	EN ISO10545-2	±0.6%	Aveg. 0.01%
				Aveg. - 0.00%
			±0.2 mm	Aveg. 0.15mm
				Aveg. - 0.00mm
	Width The deviation in mm of the average size of each tile (2 sides) from the work size	EN ISO10545-2	±0.6%	Aveg. 0.03%
				Aveg. - 0.00%
			±0.2 mm	Aveg. 0.18mm
				Aveg. - 0.00mm
B	**Thickness** Party declare 8.5 mm The deviation in mm of the average thickness of 10 tile from the work size thickness	EN ISO10545-2	±5%	Aveg. 4.01%
				Aveg. - 0.00%
			±0.5 mm	Aveg. 0.34mm
				Aveg. - 0.00mm
C	**Straigthness of Sides** The maximum deviation from straigthness related to the corresponding work size			
	Length	EN ISO10545-2	±0.5%	Max 0.03%
				Max - 0.03%
			±1.5 mm	Max 0.36mm
				Max - 0.35mm
	Width	EN ISO10545-2	±0.5%	Max 0.04%
				Max - 0.04%
			±1.5 mm	Max 0.25mm
				Max - 0.26mm
D	**Rectangularity** The maximum deviation from straigthness related to the corresponding work size			
	Length	EN ISO10545-2	±0.5%	Max 0.04%
				Max - 0.04%
			±2 mm	Max 0.47mm
				Max - 0.49mm
	Width	EN ISO10545-2	±0.5%	Max 0.06%
				Max - 0.05%
			±2 mm	Max 0.33mm
				Max - 0.32mm
E	**Surface Flatness** The maximum deviation from flatness			
a	Centre curvature related to diagonal calculated from the work size			
	Length	EN ISO10545-2	±0.5%	Max 0.03%
				Max - 0.00%
			±2 mm	Max 0.42mm
				Max - 0.00mm
	Width	EN ISO10545-2	±0.5%	Max 0.02%
				Max - 0.00%
			±2 mm	Max 0.32mm
				Max - 0.00mm
b	Edge curvature related to the corresponding work size			
	Length	EN ISO10545-2	±0.5%	Max 0.04%
				Max - 0.00%
			±2 mm	Max 0.48mm
				Max - 0.00mm
	Width	EN ISO10545-2	±0.5%	Max 0.05%
				Max - 0.00%
			±2 mm	Max 0.29mm
				Max - 0.00mm

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Issue date of report: Aug. 31. 2023

TEST REPORT

	Kind Of Test	Test Method	Requirements	Result
c	Warpage related to diagonal calculated from the work size		Requirements for Nominal Size N ≥ 15 cm	
	Length	EN ISO10545-2	±0.5%	Max 0.03%
				Max - 0.00%
			±2 mm	Max 0.44mm
				Max - 0.00mm
	Width	EN ISO10545-2	±0.5%	Max 0.03%
				Max - 0.00%
			±2 mm	Max 0.27mm
				Max - 0.00mm
F	Surface Quality	EN ISO10545-2	A minimum 95% of tile shall be free from visible defects that would impair the apperance of a major area of tiles	100%
2	Water Absorption %	EN ISO10545-3	Ev ≤ 05 % Individual maximum 0.6%	Average - 0.027% Maximum - 0.048%
3	Breaking Strength in N	EN ISO10545-4	Not lass than 1300 Thickness ≥ 7.5 mm	Average -1835.65 N Minimum - 1720.24 N
3	Modulus of Rupture (MOR)	EN ISO10545-4	Average Minimum 35 N/mm² Individual minimum 32 N/mm²	Average 47.24 N/mm² Minimum 44.21N/mm²
4	Resistance to Surface Abrasion a) Resistance to surface abrasion of glazed tiles	EN ISO10545-7	Abrasion class and cycles passed	Class - IV 6000 Revolution pass
5	Coefficient of Liner Thermal Expasion from ambient temperature to 100°c	EN ISO10545-8	Declare value 9X10¯6 Max	2.87x10¯6
6	Thermal Shock Resistance	EN ISO10545-9	Pass according to EN ISO 10545-1g 10 Cycle must pass	pass
7	Crazing Resistance	EN ISO10545-11	Pass according to EN ISO 10545-1g Two cycle must pass	No crazing observed
8	Slipperness	DIN 51130:2014	Declare value	Value R 9
9	Frost resistance	EN ISO10545-12	Pass according to EN ISO 10545-1g Required	No defects observed Resistance
10	Moisture Expansion mm/m	EN ISO10545-10	Declare value 0.01 mm/m	0.004 mm/m
11	Small colour differences	EN ISO10545-16	Plain coloured tiles only where required GL: Δ < 0.75	N/A
12	Impact Resistance Coefficient of restitution (COR)	EN ISO10545-5	Declared value 0.55	0.84

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	Kind Of Test	Test Method	Requirements	Result
13	Reaction to Fire	WT	Claa A1 or A1 FL	Class A1/A1 FL
14	Bulk Density , in (g/cc)	EN ISO10545-3	2 2 min	2.2984 g/cc
15	Scratch Hardness of Surface	IS 13630 - 13	5 Moh's scale, Min	6 Moh's scale
16	Chemical Properties			
	Resistance to staining			
a	Green stain in light oil	EN ISO10545-14	Min Class - 3	Class 5
b	Red stain in light oil		Min Class - 3	Class 5
c	Iodin 13g/L in alcohol		Min Class - 3	Class 5
d	Olive oil		Min Class - 3	Class 5
17	Resistance to Low Concentration of Acid & Alkali			
a	Hydrochloric Acid solution 3% v/v	EN ISO10545-13	Declared value	GLA
b	Citric Acid Soln 100gm/L		Declared value	GLA
c	Potassium Hydroxide Soln 30gm/L		Declared value	GLA
18	Resistance to High Concentration of Acid & Alkali			
a	Hydrochloric Acid solution 18% v/v	EN ISO10545-13	Declared value	GHA
b	Lactic acid 5% v/v		Declared value	GHA
c	Potassium Hydroxide Soln 100gm/L		Declared value	GHB
19	House hold chemical resistance Ammonium chloride solution 100gm/L	EN ISO10545-13	Minimum Class B	GA
20	Swimming pool salt Sodium Hypochorite solution 20mg/L	EN ISO10545-13	Minimum Class B	GA
21	Lead And Cadmium Releas			
	a) Lead release, in mg/dm³	EN ISO10545-15	Declared value	0.008mg/dm²
	b) Cadmium release , in mg/dm³	EN ISO10545-15	Declared value	0.004mg/dm²

Notes -

1 All inspection are carried out conscientiously to the best of our knowledge and ability.
2 This report shall not be reproduced, except in full , without the prior writeen approval from the issuing laboratory.
3 The result in this report apply to the sample (as supplied by party) only.

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Receive date of test sample 22.08.2023

Issued To
M/s LAVISH GRANITO PRIVATE LIMITED.
Survey No. 127/1 P2P1, 135/2 P2, Village.
Village Unchi Mandal, Dist - Morbi, Gujarat, India.

SAMPLE DESRIPTION & NAME Matt Carving Sugar Finisah Tiles size 1200x600 mm (Recified) as submited by the party. Sample not drawn by National Cera Lab.

MATT VARVING SUGAR FINISH

TEST DESIRED: **BS EN 14411 : 2016 (Group B I a) ANNEX - G**

1 CO-EFFICENT OF FRICTION (ANTI SLIP TEST) "RAMP TEST"

Note Party submitted sample size 1200x600 mm one Sample, but machine platform size cut sample 1200x500 mm. one no sample

CO-EFFICENT OF FRICTION (ANTI SLIP TEST) " RAMP TEST" **TEST METHOD DIN 51130:2014**

TEST METHOD **As per DIN 51130:2014**

STANDARD LIMIT		CORRECTED MEAN OVERALL ACCEPTANCE ANGLE	SLIP RESISTACE CLASS
S - I	5.7° - 11.7°	6° UP TO 10°	R 9
S - II	14.3° - 20.3°	OVER 10° UP TO 19°	R 10
		OVER 19° UP TO 27°	R 11
S - III	24.3° - 30.3°	OVER 27° UP TO 35°	R 12
		OVER 35°	R 13

Sr No	Sample Name	Measured Value	Average Value	Class
1	1200x600 mm Matt Carving Sugar Finish Tiles	(1)9.6° ,(2) 9.9° ,(3) 9.8° (4) 9.7°	9.8°	R 9

Tested by
Nimesh Kavar (Testing Eng.)

Checked & Verified By
Jerambhai Kavar (T.M.)

Reviewed & Approved By
31/08/2023
Jerambhai Kavar(QM/TM)

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Receive date of test sample : 22.08.2023

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SAMPLE DECRIPTION & NAME Matt Carving Sugar Finisah Tiles size 1200x600 mm (Recified) as submited by the party. Sample not drawn by National Cera Lab.
MATT VARVING SUGAR FINISH

TEST AS PAR **EN 14411:2016 (Group B I a) ANNEX - G**

Frost Resistance

Test Method EN ISO 10545 - 12
The initial water absorptio 0.027%
The final water absorption 0.29%
Water absorption coefficient of tile ≤ 0.5%
The type of test performed
(with or without immersion) With immersion

Size of test specimen or m² Minimum area 0.25² , 300x200 mm
Number of test specimen 10 no specimen 0.60m²
with visible defect after 100 cyc Not a single tile visible defects

Result **Pass the test 100 cycle**

Specimen no	Visual defect before commencing the test			
	Cracks	Crazing	Dry spots	After methy
1	√	√	√	√
2	√	√	√	√
3	√	√	√	√
4	√	√	√	√
5	√	√	√	√
6	√	√	√	√
7	√	√	√	√
8	√	√	√	√
9	√	√	√	√
10	√	√	√	√

X - Not conform √ - Conform

Specime no	Visual defect after commencing the test			
	Cracks	Crazing	Dry spots	After methy
1	√	√	√	√
2	√	√	√	√
3	√	√	√	√
4	√	√	√	√
5	√	√	√	√
6	√	√	√	√
7	√	√	√	√
8	√	√	√	√
9	√	√	√	√
10	√	√	√	√

X - Not conform √ - Conform

Initial water absorption

Specimen no	Mass of each dry tile	Mass of each wet tile	Percent of W.A.
1	1242.30	1242.60	0.024
2	1244.30	1244.90	0.048
3	1243.20	1243.50	0.024
4	1241.30	1241.50	0.016
5	1240.20	1240.50	0.024
6	1244.60	1244.90	0.024
7	1246.30	1246.70	0.032
8	1241.60	1241.90	0.024
9	1248.40	1248.70	0.024
10	1239.60	1239.90	0.024
Average of ten specimen			0.027 %

Final water absorption

Specimen no	Mass of each wet tiles after test	Mass of each dry tile after the test	Percent of W.A.
1	1242.60	1242.30	0.024
2	1245.00	1244.30	0.056
3	1243.60	1243.20	0.032
4	1241.50	1241.30	0.016
5	1240.50	1240.20	0.024
6	1245.00	1244.60	0.032
7	1246.80	1246.30	0.040
8	1241.90	1241.60	0.024
9	1248.70	1248.40	0.024
10	1239.90	1239.70	0.016
Average of ten specimen			0.029 %

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