GNS CERAMICS
EXCLUSIVELY WHOLESALE

Armani

The Armani collection of large format glazed porcelain is comprised of two natural stone inspired designs with a polished finish. The Armani series will deliver an enriching impression, that will enhance your space.



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EXCLUSIVELY WHOLESALE

Armani

Grey



612ARMGYP

Opal Gris



612ARMOPP

Glazed Technical Porcelain

Rectified Edge

V2 Variation

1200 MM
600 MM

Polished Finish

Floor Cat. 2

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

Click or Scan for Installation Instructions

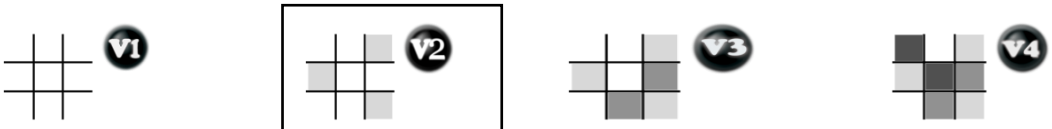
Ceramic tiles are only one component of a much larger building system. It is our experience that failure of any tiling system is very often the result of a combination of factors. For example; inappropriate design, type of substrate, surface preparation, temperature during installation, adhesives, incompatibility 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 2 - Floor coverings in areas that are walked on with soft-soled or normal footwear with, at the most, occasional small amounts of scratching dirt; For example, main bathrooms, bedrooms with the exception of those areas that experience heavy pedestrian traffic, i.e. work boots, stilettos, and outdoor shoes.

TECHNICAL SPECIFICATION

Standards according to ISO 13006 / EN 14411 / IS 15622-2017 (Group B1a): Dry - Pressed Ceramic Tiles (Glazed Vitrified Tiles)

CHARACTERISTIC	TEST METHOD	REQUIREMENTS	QUTONE STANDARD
	DIMENSIONS & SURFACE QUALITY		
Deviation in Length & Width	ISO-10545-02	± 0.10%	Within Criteria
Deviation in Thickness	ISO-10545-02	± 5.00%	Within Criteria
Straightness of Sides	ISO-10545-02	± 0.10%	Within Criteria
Rectangularity	ISO-10545-02	± 0.10%	Within Criteria
Surface Flatness	ISO-10545-02	± 0.50%	Within Criteria
Surface Quality	ISO-10545-02	Min. 95% of the Tiles shall be free from visible defects that would impaire the appearance of a major area of the Tiles	Within Criteria
	PHYSICAL PROPERTIES		
Water Absorbtion	ISO 10545-03	Average 0.08%, Individual 0.10% Max.	Within Criteria
Modulus of Rapture	ISO 10545-04	R ≥ 15 N/mm^2	Compliant
Breaking Strength	ISO 10545-04	Min. 1300 N	Compliant
Moisture Expansion	IS 13630-03	0.02 Max.	Compliant
Moh's Hardness	EN 101	Min. 5	Compliant
Surface Abration Resistance	IS 10545-07	Class II Min.	Compliant
Linear Thermal Expansion	IS 10545-08	Max. 6.0 x 10^{-6}	Compliant
Thermal Shock Resistance	ISO 10545-09	Min. 10 Cycles	Compliant
Crazing Resistance	ISO 10545-11	4 Cycles at 7.5 Bar Min.	Compliant
Impact Resistance	ISO 10545-05	0.55 Min.	Compliant
Frost Resistance	ISO 10545-12	Required	Compliant
Resistance to Deep Abration (Unglazed Tiles)	ISO 10545-6	175 Max.	Compliant
Bulk Density	IS 15622-2	2.20 g/cc	Compliant
	CHEMICAL PROPERTIES		
Resistance to High & Low Concentrations of Acids & Alkalis	ISO 10545-13	As per Mfg.	No visible effect
Resistance to household chemicals & swimming pool Salts	ISO 10545-13	Min. GB	Compliant
Stain Resistance	ISO 10545-14	Min. Class 3	Compliant

Disclaimer: Product images shown in this Catalogue are for Design Representation. All efforts are made to show accurate colour of the product but actual product colour may differ from the printed image due to printing limitations. It is advised to see the product samples for actual colour reference • Shade variation is inherent characteristic of ceramic products. Hence different sizes and batches of same design may have variation in Colours • Please follow the Tile Laying instructions printed on the box before installing the Tiles • Company may change the designs, colours, randomness or book-match without prior intimation • Due to continuous technology upgrade technical specification of the products may change without prior intimation.