GNS CERAMICS
EXCLUSIVELY WHOLESALE

TECHNICAL DATA SHEET

Name of range:Lantic Glazed wall tiles

GNS code:
Gloss:
LANGAS, LANGBK, LANGCR, LANGGY, LANGIV, LANGMO, LANGTU, LANGWH
Satin:
LANSGY, LANSLA, LANSWH

Factory Code:
Gloss:
NC1349, N1345, NC1346, NC1350
NC1301-A, NC1348, NC1347, NC1300
Satin:
NC1327, NC1315, NC1306

Nominal size (s):100x300

Description of biscuit:

Wall: ☒ **or Floor:** ☐

Cushioned edge: ☒ **or Rectified:** ☐

General comments:

Conforms to standard ISO 13006: Annex: L Group: BIII (W.A. > 10%)

Surface application: Glazed: ☒ Unglazed: ☐ Other:

	TECHNICAL FEATURES	STANDARDS	ACHIEVED RESULTS
Dimension and surface quality	Length and width	ISO 10545-2	+/- 0.5mm
	Thickness		+/-0.4mm
	Straightness of sides		+/- 0.4mm
	Rectangularity		+/-0.3mm
	Surface flatness		0-0.8mm
Chemical properties	Resistance to staining:	ISO 10545-14	4-5 grade
	Resistance to low concentrations of acids and alkalis	ISO 10545-13	GLA
	Resistance to household chemicals and swimming pool salts		GA Minimum GB
Physical properties	Water absorption	ISO 10545-3	16-19%
	Breaking strength in N	ISO 10545-4	500-650N
	Modulus of rupture in N/mm^2		15-19M Pa
	Resistance to deep abrasion	ISO 10545-6	3 grade
	Resistance to surface abrasion	ISO 10545-7	PEI rating:0
	MOHS hardness	EN 101	N/A
	Coefficient of linear thermal expansion	ISO 10545-8	N/A
	Thermal shock resistance	ISO 10545-9	pass
	Crazing resistance	ISO 10545-11	pass
	Frost resistance	IS0 10545-12	N/A
	Coefficient of friction	ISO 10545-17	Wet: N/A Dry: N/A
	Non-slip classification	DIN 51130	Pendulum: Not Tested Ramp oil-wet: Not Tested Ramp barefoot: Not Tested
	Moisture expansion, in mm/m^2	ISO 10545-10	N/A
	Impact resistance	ISO 10545-5	N/A

Suggested application:
Wall Use Only

Cleaning and Maintenance
Daily cleaning with a mild detergent is recommended. If more rigorous cleaning is required we recommend the use of a proprietary tile cleaner from a specialty tile supplier. Always rinse with clean water and buff with a dry towel or cloth.