

MATT FINISH

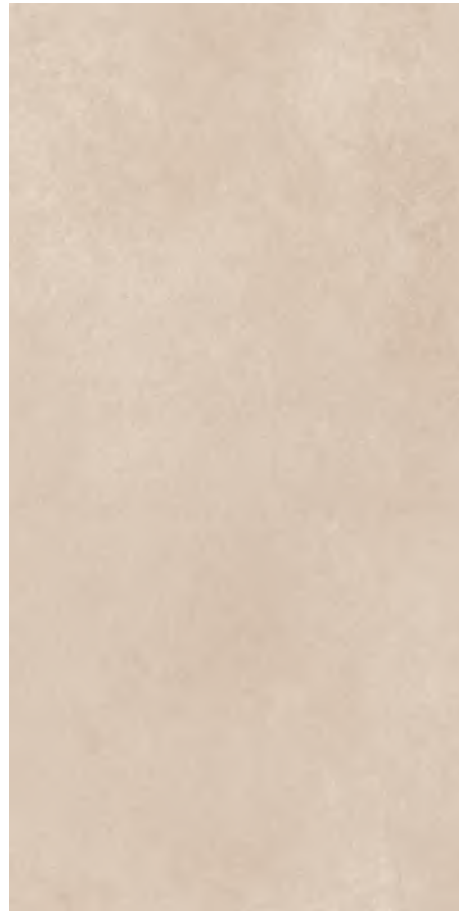
800x1600mm

ART  
THAT  
EMBRACE  
YOU

# ERNATO

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EXCEPTIONAL EXCELLENCE



**Size**  
800X1600MM

**Finish**  
Glossy

**Randoms**  
4

# LOIRA BEIGE



**LOIRA BEIGE**



**Size**  
800X1600MM

**Finish**  
Glossy

**Randoms**  
4

# LOIRA BIANCO





**LOIRA BIANCO**



**Size**  
800X1600MM

**Finish**  
Glossy

**Randoms**  
4

**LOIRA BROWN**



**LOIRA BROWN**





**Size**  
800X1600MM

**Finish**  
Glossy

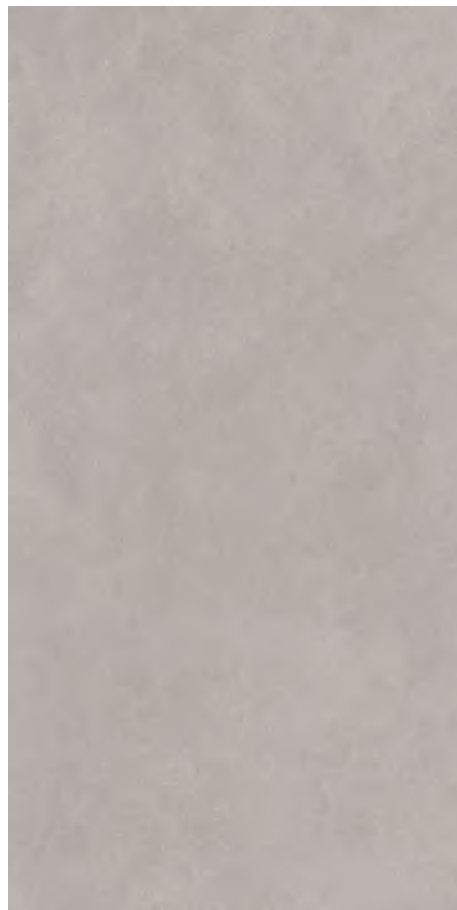
**Randoms**  
4

# LOIRA NERO





LOIRA NERO



**Size**  
800X1600MM

**Finish**  
Glossy

**Randoms**  
4

# LOIRA GREY





LOIRA GREY





**Size**  
800X1600MM

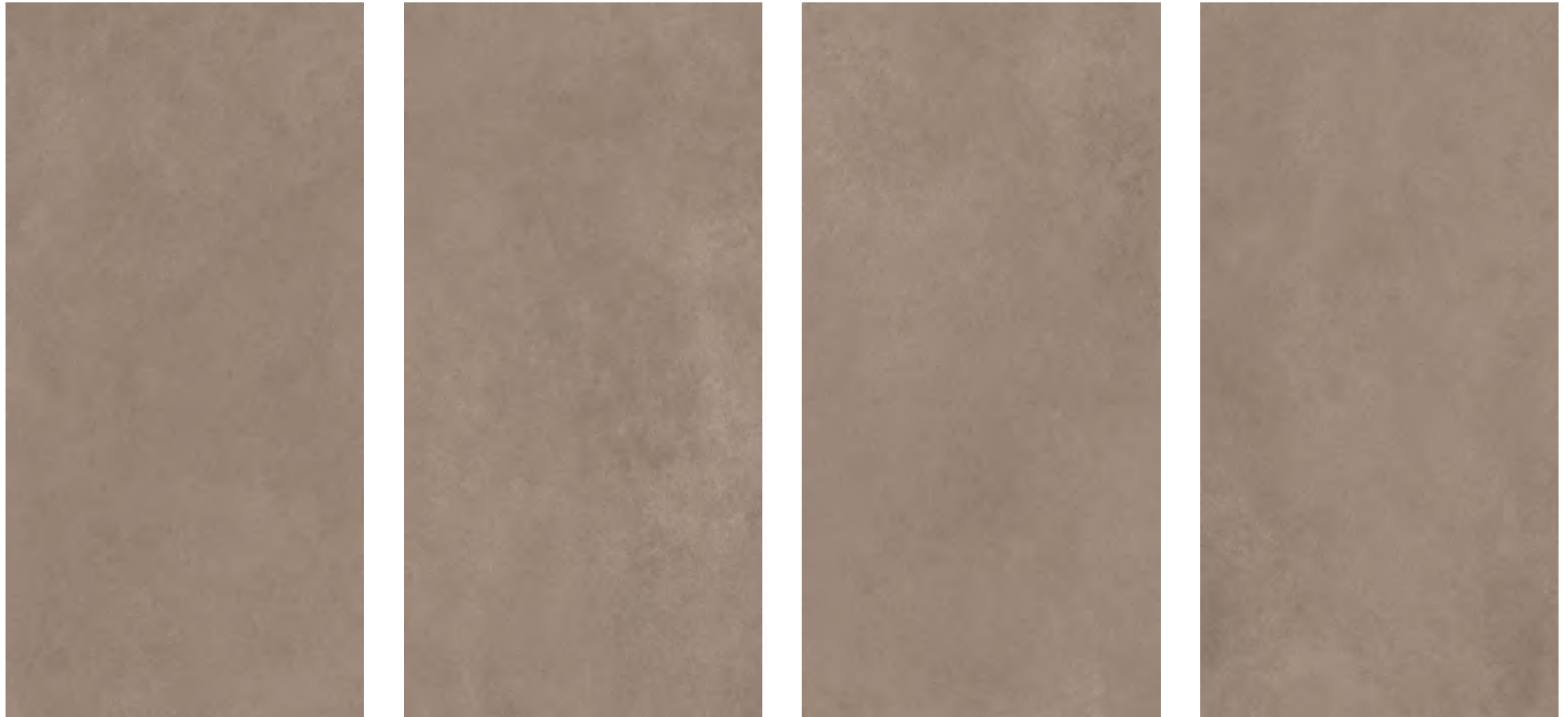
**Finish**  
Glossy

**Randoms**  
4

# LOIRA GRIS



LOIRA GRIS



**Size**  
800X1600MM

**Finish**  
Glossy

**Randoms**  
4

# LOIRA TAUPE





LOIRA TAUPE

# Technical Specification

| CHARACTERISTICS               | STANDARD AS PER<br>ISO-13006/En14411 GROUP | VALUES        | TEST METHOD    |
|-------------------------------|--------------------------------------------|---------------|----------------|
| REGULATORY PROPERTIES         |                                            |               |                |
| Deviation in Lenth & Width    | 0.50%                                      | 0.20%         | ISO - 10545-2  |
| Deviation in Thickness        | 0.50%                                      | 0.50%         | ISO - 10545-2  |
| Straightness of Sides         | 0.50%                                      | 0.20%         | ISO - 10545-2  |
| Rectangularity                | 0.50%                                      | 0.20%         | ISO - 10545-2  |
| Surface Flatness              | 0.50%                                      | 0.20%         | ISO - 10545-2  |
| Color Difference              | Unaltered                                  | No Change     | ISO - 10545-16 |
| Glossiness                    | As per Mfg.                                | >90%          | Glossmeter     |
| STRUCTURAL PROPERTIES         |                                            |               |                |
| Water Absorption              | <0.05%                                     | <0.05%        | ISO - 10545-3  |
| Apparent Density              | >2.00 g/cc                                 | >2.10 g/cc    | DIN 51082      |
| MASSIVE MECHANICAL PROPERTIES |                                            |               |                |
| Modulus of Repture            | Min 35N/MM2                                | Min 40N/MM2   | ISO - 10545-4  |
| Breaking Strength             | Min. 1300 N                                | Min. 2000 N   | ISO - 10545-4  |
| Impact Resistance             | As per Mfg.                                | Min. 0.55     | ISO - 10545-5  |
| SURFACE MECHANICAL PROPERTIES |                                            |               |                |
| Surface Abrasion Resistance   | As per Mfg.                                | Min. class 3  | ISO - 10545-7  |
| Moh's Hardness                | As per Mfg.                                | Min. class 4  | EN 101         |
| THERMO HYGROMETRIC PROPERTIES |                                            |               |                |
| Frost Resistance              | No Damage                                  | No Damage     | ISO - 10545-12 |
| Thermal Shock Resistance      | No Damage                                  | No Damage     | ISO - 10545-09 |
| Moisture Expansion            | Nil                                        | Nil           | ISO - 10545-10 |
| Thermal Expansion             | Max 9.0x10 -6                              | Max 6.5x10 -6 | ISO - 10545-08 |
| Crazing Resistance            | As per Mfg.                                | Min 10 Cycle  | ISO - 10545-11 |
| CHEMICAL PROPERTIES           |                                            |               |                |
| Chemical Resistance           | No Damage                                  | No Damage     | ISO - 10545-13 |
| Stain Resistance              | Resistant                                  | Resistant     | ISO - 10545-14 |
| SAFETY PROPERTIES             |                                            |               |                |
| Slip Resistance               | As per Mfg.                                | >0.40         | ISO - 10545-17 |
| Fire Resistance               | As per Mfg.                                | Fire Proof    | N.A.           |

# Packing Detail

| SIZE (In mm) | THICKNESS APPROX | PIECES / PER BOX | COVERAGE AREA IN SQ. FT | BOX WEIGHT ( APPROX. ) |
|--------------|------------------|------------------|-------------------------|------------------------|
| 800X1600     | 9 MM             | 2                | 27.55                   | 52 KG                  |



## MANUFACTURING UNIT 1 & 2

8-A National Highway, Matel Road,  
Morbi (363621), Gujrat - INDIA.

## MANUFACTURING UNIT 3 & 4

At. Jetparda, Lunsar Road, Wankaner,  
Morbi (363621), Gujrat - INDIA.

## CORPORATE OFFICE

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TILES & SANITARYWARES

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