

# NOHO

porcelain stoneware



## COBSA USA

NEW YORK | NEW JERSEY | MIAMI

# NOLITA

*NoFlo*

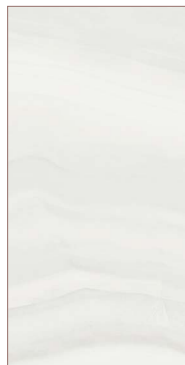




S ELENONL2448  
P ELENONL2448L -24x48-

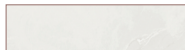


S ELENONL1224



-12x24-

S ELENONL312



-3x12-

S ELENONLTOR



-2x12 torello-

S ELENONLBN324



-3x24 bullnose-

S ELENONLPEN



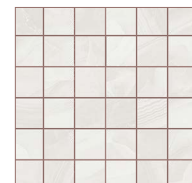
-1x12 pencil-

S ELENONL24



-24x24-

S ELENONLMOS22



-2x2 mosaic-

P ELENONLHEXGOLDL



-gold hex mosaic-

S ELENONL24D

-24x24 deco-



S = SATIN FINISH  
P = POLISHED FINISH

# NOVA

*No Flo*





S ELENONV2448  
P ELENONV2448L -24x48-



S ELENONV1224



-12x24-

S ELENONV312



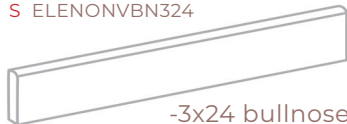
-3x12-

S ELENONVTOR



-2x12 torello-

S ELENONVBN324



-3x24 bullnose-

S ELENONVPEN

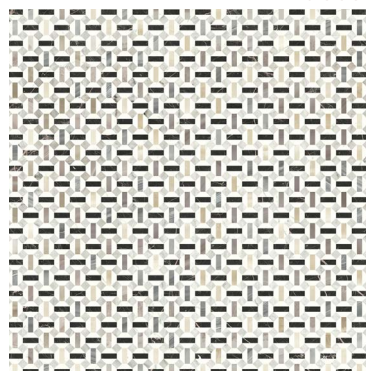


-1x12 pencil-

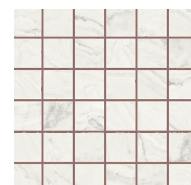
S ELENONV24 -24x24-



S ELENONV24D -24x24 deco-



S ELENONVMOS22



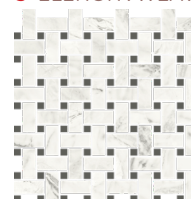
-2x2 mosaic-

S ELENONVHEX



-hex mosaic-

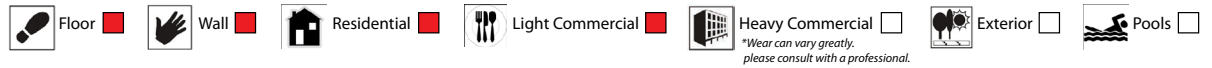
S ELENONVWEAVE



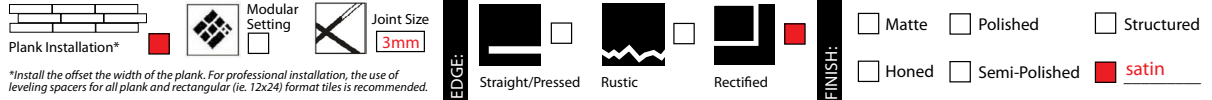
-basketweave-

S = SATIN FINISH  
P = POLISHED FINISH

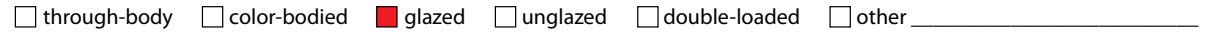
## Suggested Applications



## Installation Suggestions



## Porcelain Type



## Shade Variation



## Slip Resistance

ASTM C-1028  
ANSI A137.1  
DIN 51097/51130

| DCOF         | Values                                                                  | Applications                                                    |
|--------------|-------------------------------------------------------------------------|-----------------------------------------------------------------|
| 0.42         | 0.42                                                                    | Recommended Standard DCOF value for wet/dry commercial flooring |
|              | 0.65                                                                    | Recommended Standard DCOF value for ADA ramps                   |
| DIN 51130    | *R9: Industry Standard/ADA Requirements **R11: Recommended For Exterior |                                                                 |
| R9* (3-10°)  | R10 (10-19°)                                                            | R11** (19-27°)                                                  |
| R12 (27-35°) | R13 (>35°)                                                              |                                                                 |

DIN 51097

| Class | Typical Applications                                                                                                          | Critical Angle |
|-------|-------------------------------------------------------------------------------------------------------------------------------|----------------|
| A     | Barefoot, but mainly dry aisles and walkways, dry changing areas                                                              | ≥12°           |
| B     | Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)                           | ≥18°           |
| C     | Areas constantly under water, e.g. steps into pools, foot baths, included pool surrounds, jacuzzis (plus all Class A&B areas) | ≥24°           |

## Scratch Resistance

MOH'S SCALE  
UNI EN ISO 10545.6

| MINERAL                    |                                   |
|----------------------------|-----------------------------------|
| 1. Talc (Talc)             | 6. Microline (Glass, Glazed Tile) |
| 2. Gypsum (Fingernail)     | 7. Quartz (Unglazed Porcelain)    |
| 3. Calcite (Penny)         | 8. Topaz (Granite)                |
| 4. Flourite (Some Marbles) | 9. Corundum (Ruby)                |
| 5. Apatite (Knife Blade)   | 10. Diamond (Diamond)             |
| Industry standard ≤175mm²  |                                   |

## Wear Resistance

PEI RATING  
UNI EN ISO 10545.7

- ☐ Class 1: Walls only
  - ☐ Class 2: Residential floors w/minimal abrasive traffic
  - ☐ Class 3: Residential interiors/light commercial traffic
  - ☒ Class 4: Medium commercial applications
  - ☐ Class 5: All commercial applications/heavy traffic
- \*Wear can vary greatly. please consult with a professional.

## Stain Resistance

ASTM C1378-04  
UNI EN ISO 10545.14

- 5: Removed after 5 minutes (hot water running)
- 4: Removed by manual cleaning (weak detergent)
- 3: Removed by mechanical cleaning (strong detergent)
- 2: Removed by immersion (24 hrs in suitable solvent)
- 1: Stain not removed

## Water Absorption

ASTM C-373  
UNI EN ISO 10545.3

|                                                    |                                                  |                                  |                                 |
|----------------------------------------------------|--------------------------------------------------|----------------------------------|---------------------------------|
|                                                    |                                                  |                                  |                                 |
| Absorbs 0-.5%                                      | Absorbs .5-3%                                    | Absorbs 3-7%                     | Absorbs 7% +                    |
| Impervious<br>Interior/Exterior<br>Frost Resistant | Vitreous<br>Interior/Exterior<br>Frost Resistant | Semi-Vitreous<br>Indoor Use Only | Non-Vitreous<br>Indoor Use Only |

## Breaking Strength

ASTM C648  
UNI EN ISO 10545.4



## Facial Dimension

ASTM c499-09  
UNI EN ISO 10545.02

|              | Standard           | Tolerance | Result |
|--------------|--------------------|-----------|--------|
| flatness     | ± 5mm              | ± .5%     | PASS   |
| thickness    | ± 6mm              | ± .5%     | PASS   |
| straightness | ± 4.5mm            | ± .5%     | PASS   |
| squareness   | ± 5.4mm            | ± .6%     | PASS   |
| sides L/W    | ± 1.1mm<br>± 4.5mm | ± .5%     | PASS   |

## Chemical Resistance

ASTM C650  
UNI EN ISO 10545.13

| Allowances for: |    |
|-----------------|----|
| result          |    |
| Acid            | LA |
| Bases           | LA |
| Chemicals       | A  |

## Leed Information



REQUIREMENTS  
FOR COMMERCIAL  
INTERIORS/NEW  
CONSTRUCTION

| Sustainable Sites                                                                                                             | 1 Point                  |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Site selection                                                                                                                |                          |
| SS CREDIT 1<br>Heat Island Effect-non roof<br>Material with a solar reflectant index of at least 29.                          | <input type="checkbox"/> |
| Energy & Atmosphere                                                                                                           | 1 Point                  |
| EA CREDIT 4<br>Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT | <input type="checkbox"/> |
| Indoor Environmental Quality                                                                                                  | 1 Point                  |
| Low-Emitting Materials-Flooring Systems                                                                                       |                          |
| IEQ CREDIT 3.1-7<br>Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.                              | <input type="checkbox"/> |
| IEQ CREDIT 4.1<br>Low Emitting Adhesives: Products less than 65 G/L VOC                                                       | <input type="checkbox"/> |
| IEQ CREDIT 4.3<br>Low Emitting Materials: Flooring systems.                                                                   | <input type="checkbox"/> |

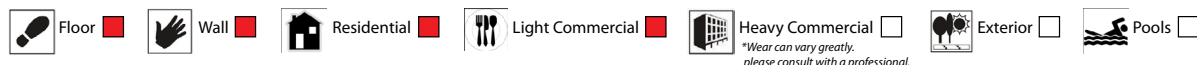
| Materials & Resources                                                                                                                           | 1 Point                                 | 2 Points                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------|
| M&R CREDIT 2<br>Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.                              | 50% <input type="checkbox"/>            | 70% <input type="checkbox"/> |
| M&R CREDIT 4.1-4.2<br>Recycled Content: The sum of post consumer plus 1/2 of the pre consumer reps at least 10-20% of total value of materials. | 10% <input type="checkbox"/>            | 20% <input type="checkbox"/> |
| M&R CREDIT 5<br>Regional Materials: Materials manufactured within 500 miles of the project site.                                                | 10% <input checked="" type="checkbox"/> | 20% <input type="checkbox"/> |
| Innovation in Design                                                                                                                            | 1-5 Points                              |                              |
| ID CREDIT 1<br>Innovation in Design<br>Measurable exemplary environmental performance.                                                          | <input type="checkbox"/>                |                              |

Type:  
Porcelain Stoneware

Product Line:  
NoHo (satin)

\*The marketing name for this product is property of CobasA-USA. This same product may be marketed under different names. \*

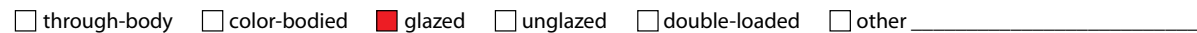
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MOH'S SCALE  
UNI EN ISO  
10545.6

5

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UNI EN ISO  
10545.4

35N/mm<sup>2</sup>



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UNI EN ISO  
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|           | result |
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Porcelain Stoneware

Product Line:  
NoHo (polished)

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COBSA USA

NEW YORK | NEW JERSEY | MIAMI