

Gotham

"brick-look" porcelain stoneware



COBSA-USA

NEW YORK | NEW JERSEY | MIAMI

"BRICK-LOOK" PORCELAIN STONEWARE

Beige



DOMGOBE48



| 4 x 8 |

"BRICK-LOOK" PORCELAIN STONEWARE

Dark Grey



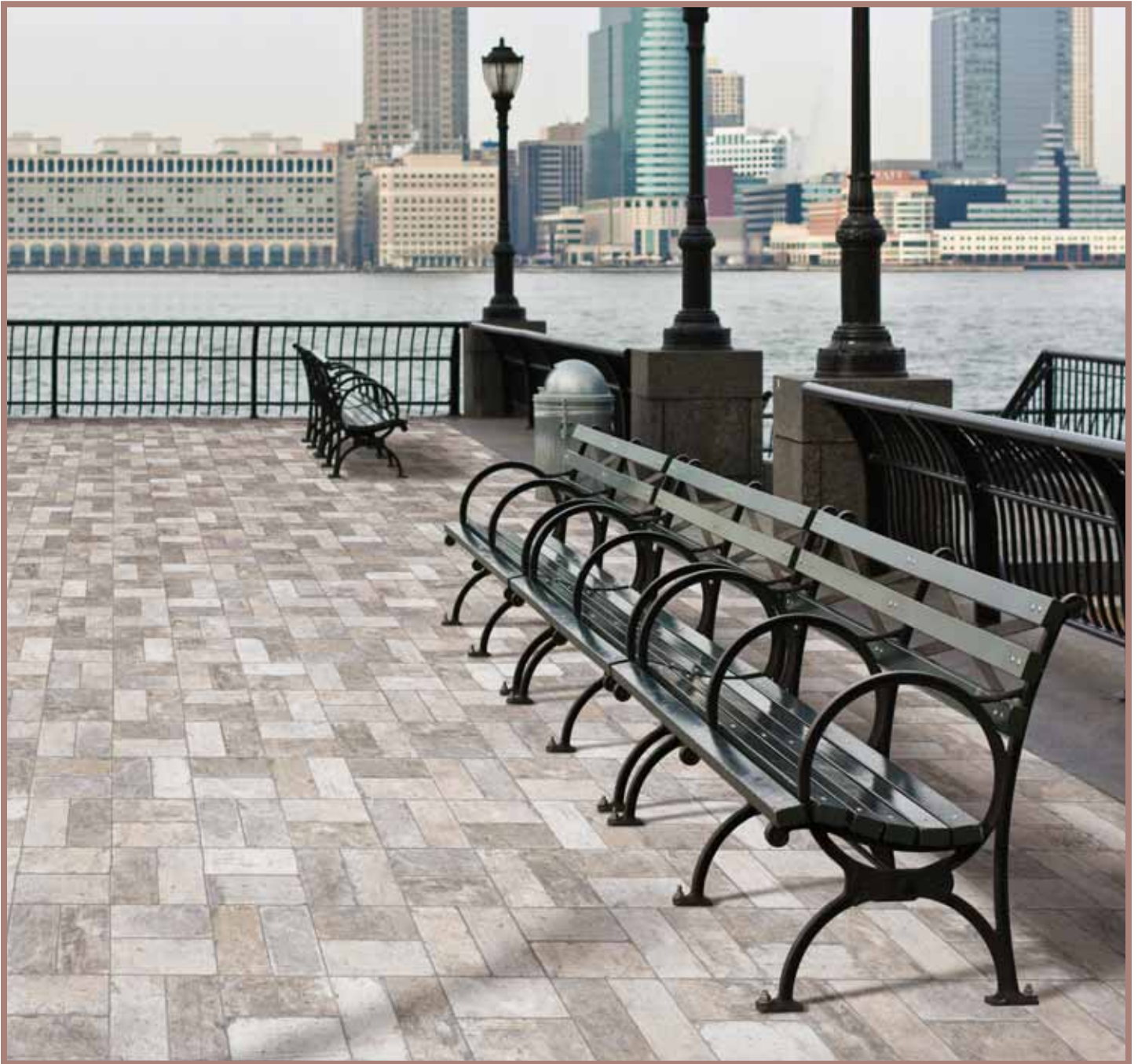
DOMGODG48



| 4 x 8 |

"BRICK-LOOK" PORCELAIN STONEWARE

Light Grey



DOMGOLG48



| 4 x 8 |

"BRICK-LOOK" PORCELAIN STONEWARE

Red



DOMGORE48



| 4 x 8 |

"BRICK-LOOK" PORCELAIN STONEWARE

White



DOMGOWH48

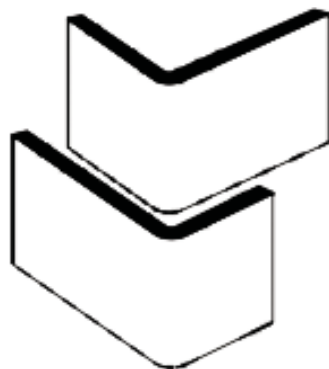


| 4 x 8 |



RED

DOMGOBEBNX
DOMGODGBNX
DOMGOLGBNX
DOMGOREBNX
DOMGOWHBNX



"L" Bullnose Corner Trim
Available in all 5 colors
| 5.5 x 2.5 |



DOMGOWHD48



| 4 x 8 |

- 26 Road Sign Designs
- Available In All 5 Colors
- Assortment Varies Per Color
- Each Box Contains a Random Mix

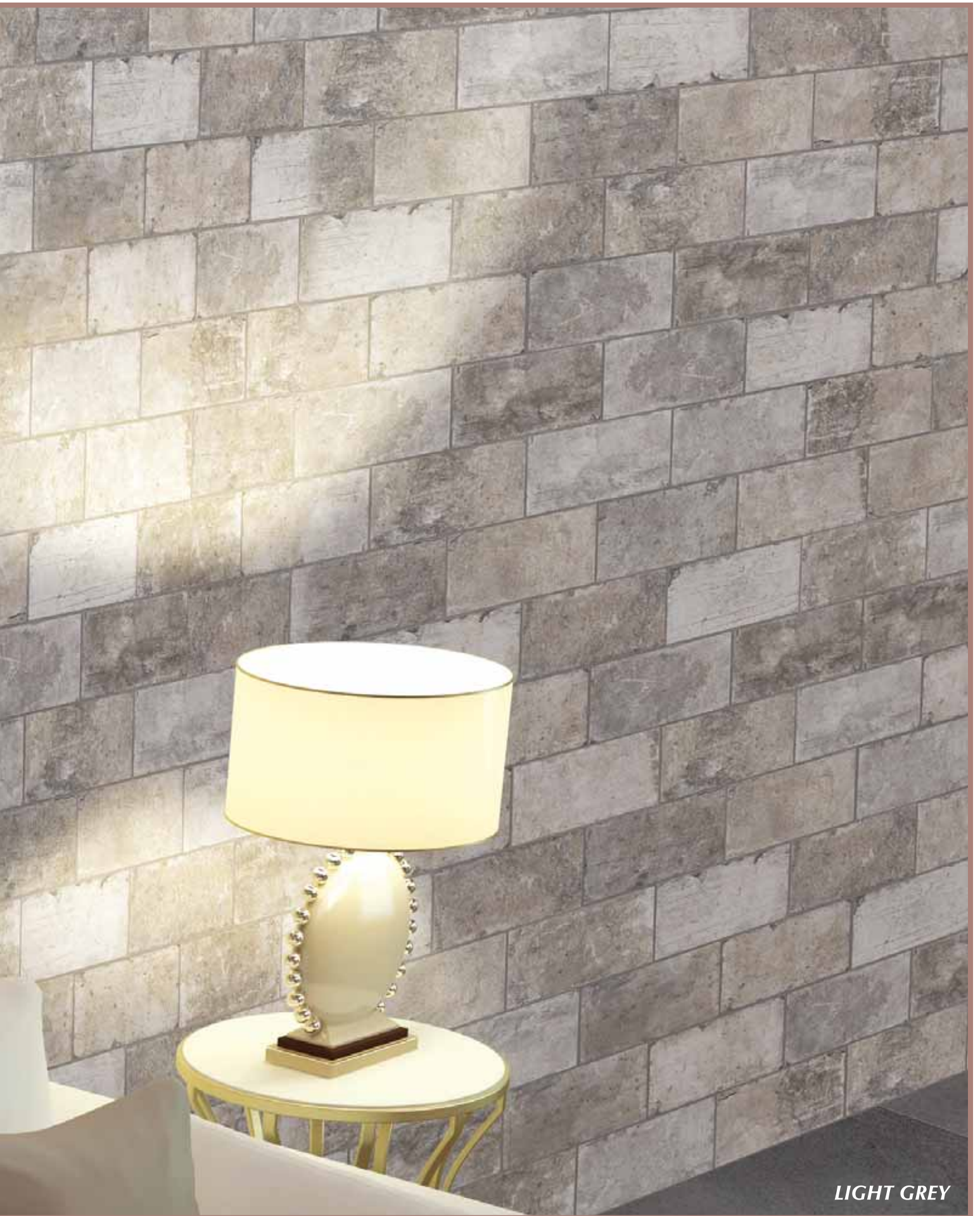


"BRICK-LOOK" PORCELAIN STONEWARE

Grotham

Beige	4x8
Dark Grey	4x8 Road Sign Decos
Light Grey	5.5x2.5 Corner Trim
Red	
White	





LIGHT GREY

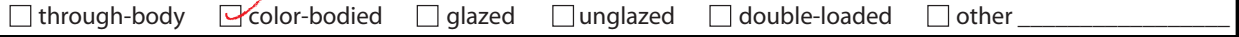
Suggested Applications



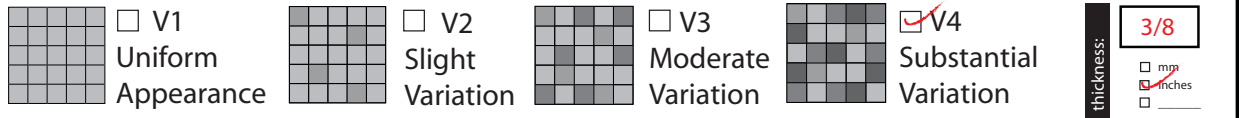
Installation Suggestions



Porcelain Type



Shade Variation



Slip Resistance

COF (coefficient of friction)	WET		DRY		DIN 51130	DIN 51097 Class	Typical applications	Critical angle
	standard*	result	standard*	result				
accessible routes	.6	.6	.6	.7	<input type="checkbox"/> R9* 3-10°	<input type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
ramps	.8	.7	.8	.6	<input checked="" type="checkbox"/> R10 10-19°	<input type="checkbox"/> B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	≥18°
					<input type="checkbox"/> R11 19-27°	<input checked="" type="checkbox"/> C	Areas constantly under water, e.g. steps into pools, foot baths, inclined pool surrounds, jacuzzis (plus all Class A&B areas)	≥24°
					<input type="checkbox"/> R12 27-35°			
					<input type="checkbox"/> R13 >35°			

Values: 0-0.50, 0.50-0.60, >0.60
 Tile Classification: Questionable, Conditionally Slip Resistant, Slip Resistant
 DCOF: .42
 *Industry Standard/ADA Requirements

ASTM C-1028
DIN 51097/51130

Scratch Resistance

Mineral	Mineral
1. Talc (Talc)	6. Microline (Glass, Glazed Tile)
2. Gypsum (Fingernail)	7. Quartz (Unglazed Porcelain)
3. Calcite (Penny)	8. Topaz (Granite)
4. Fluorite (Some Marbles)	9. Corundum (Ruby)
5. Apatite (Knife Blade)	10. Diamond (Diamond)

MOH'S SCALE 8
UNI EN ISO 10545.6
Industry standard ≤175mm²

Wear Resistance

<input type="checkbox"/> Class 1: Walls only
<input type="checkbox"/> Class 2: Resid. floors w/minimal abrasive traffic.
<input type="checkbox"/> Class 3: Resid. interiors normal use and foot traffic.
<input checked="" type="checkbox"/> Class 4: Light-medium commercial applications.
<input type="checkbox"/> Class 5: Commercial applications.

PEI RATING
UNI EN ISO 10545.7

Stain Resistance

- 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
- ASTM C1378-04
UNI EN ISO 10545.14

Water Absorption

ASTM C-373
UNI EN ISO 10545.3

<input checked="" type="checkbox"/> Absorbs 0-.5%	<input type="checkbox"/> Absorbs .5-3%	<input type="checkbox"/> Absorbs 3-7%	<input type="checkbox"/> Absorbs 7%+
Impervious Interior/exterior Frost Resistant	Vitreous Interior/exterior Frost Resistant	Semi-Vitreous Indoor use only	Non-Vitreous Indoor use only

Breaking Strength

Industry standard should be greater than 250 lbs or 50 N/MM²
UNI EN ISO R>35
10545.4

Facial Dimension

ASTM c499-09
UNI EN ISO 10545.02

	Standard	Tolerance	Result
flatness	± 5mm	± .5%	<input type="checkbox"/>
thickness	± 6mm	± .5%	<input checked="" type="checkbox"/>
straightness	± 4.5mm	± .5%	PASS
squareness	± 5.4mm	± .6%	<input type="checkbox"/>
sides L/W	± 1.1mm / ± 4.5mm	± .5%	<input type="checkbox"/>

Chemical Resistance

ASTM C650
UNI EN ISO 10545.13

Allowances for:

	result
acid	PASS
bases	PASS
chemicals	PASS

Leed Information

Sustainable Sites	Allowances for:	
	1 Point	2 Points
Site selection SS CREDIT 1 Heat Island Effect-non roof Material with a solar reflectant index of at least 29.	<input type="checkbox"/>	<input type="checkbox"/>
Energy & Atmosphere EA CREDIT 4 Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	<input type="checkbox"/>	<input type="checkbox"/>
Indoor Environmental Quality Low-Emitting Materials-Flooring Systems IEQ CREDIT 3.1-7 Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.	<input type="checkbox"/>	<input type="checkbox"/>
IEQ CREDIT 4.1 Low Emitting Adhesives: Products less than 65 G/L VOC	<input type="checkbox"/>	<input type="checkbox"/>
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	<input type="checkbox"/>	<input type="checkbox"/>
Materials & Resources	1 Point	2 Points
M&R CREDIT 2 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 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 Regional Materials: Materials manufactured within 500 miles of the project site.	10% <input type="checkbox"/>	20% <input type="checkbox"/>
Innovation in Design	1-5 Points	
ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.	<input type="checkbox"/>	

Type: "Brick-Look" Porcelain Stoneware
Product Line: Gotham

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