Model: BUTAN BONE L 47"X47" approx.
Codes: 100306247
Water absorption: BIa - Porcelanico (E<=0.1%)
Finish: Glazed / Standard
Tone variations: V3
Rectified: Yes

Sistema DAPc® Declaración Ambiental de Productos de Construcción

QB UPEC

DIMENSIONAL FEATURES

Thickness	5/16" approx	+/-5%*
Width	47 1/4" approx	
Length	47 1/4" approx	
Length and width deviation	Below 0.15%	+/-0.3%*
Side straightness deviation	Below 0.15%	+/-0.3%*
Squareness deviation	Below 0.15%	+/-0.3%*
Surface flatness deviation	Below 0.15%	+/-0.4%*

*ASTM C485/C499/C502

FEATURES

- Natural-looking, non-glossy surface finish.
- General deshaded design with a degree of color and appearance variation.
- U3
- HIGHKER: An exclusive large-format floor tile which has been thought up for those surfaces that look for an optical continuity and greater spaciousnes.
- Name given to the finish of those tiles dimensionally improved after the firing process.
- Installation on floor

MECHANICAL FEATURES

Breaking strength	532.11 LBF	>292LBF*
Modulus of rupture	11.69 LBF	>=8LBF*
Abrasion resistance	4	
Crazing resistance	Resists 3 cycles	
Qb-upec (u)	3	
Qb-upec (p)	3	
Qb-upec (e)	3	
Qb-upec (c)	2	
Resistance to thermal shock	RESISTE	

*ASTM C648

HYGIENIC FEATURES

Chemical resistance	Class "A" for swimming pools and cleaning products (resists attack). Minimum Class "B" for acids and bases	B Min.*
Stain resistance	Class 5. Easy cleaning with water	3 Min.*

*ASTM C650/C1378

System Certification

Do not use cleaning agents containing hydrofluoric acid.
It is recommended to fix tiles with a minimum joint of 1,5 mm. Do not fix without joint.
For big sizes, it is recomended to fix with mortars containing polymeric additives and to use the double glueing technique.
Mosaic tiles must be grouted.
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ANTI-SLIP VALUE

Dynamic coefficient of friction (dcof)	0.63 (T13C2)	
Slip resistance (wet pendulum) irhd 55	CL1	
Pendulum test value (ptv) irhd 96	WET 30 / DRY 54 (T13C2)	

*ANSI A326.3

DETERMINATION OF LIGHT REFLECTANCE VALUE (LRV)

Determination of light reflectance value (lrv)	52.16	

PACKING

Sales units per box	15.5 SQF/CS	
Sales units per pallet	651.04 SQF/PAL	
Sales units per unit	15.5 SQF/ST	

SCOPE OF USE

Technical code-1	6 - Use on heavy traffic floors	

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RECOMMENDED USE LOCATIONS

Single-family dwelling
Outdoor Premises: Porches, verandah, terrace, outdoor access or circulation area
Indoor Premises - Dry: Entrance and other enclosures with direct opening to the outside (garden, terrace, storage room).
Indoor Premises - Dry: Individual staircase
Indoor Premises - Wet: Kitchen, mini kitchen in living area, laundry room
Indoor Premises - Humid: Bathroom or Toilet
Collective housing
Outdoor premises: Balconies, terraces, galleries (not accessible from the outside)
Indoor Premises - Common Elements: Entrance Hall (less than 15 dwellings)
Interior Premises - Common Elements: Entrance Hall (more than 15 dwellings)
Indoor Premises - Common Elements: Stairs and corridors with or without lifts
Indoor Premises - Common Elements: Meter centralisation room
Indoor Premises - Common Elements: Storage rooms for children's cars, bicycles, etc.
Indoor Premises - Dwelling - Damp: Kitchen, mini kitchen and living area, laundry room
Indoor Premises - Dwelling - Damp: Bathrooms or shower rooms
Public Residential
Single or double rooms
Group rooms
Intensive use dormitories in residences, schools, etc.
Administrative
Office with workstation
Collective office, open plan office
Meeting/conference room, shops and retail (sales area)
Shops, warehouses with average public attendance (sales area)
Department stores, hypermarkets, shopping centres (sales area)
Commercial
Shops and retail trade (Sales area)
Shops, warehouses with average public attendance (sales area)
Department stores, shopping centres (sales area)
Teacher
Pre-school and Primary: Classroom without direct opening to the exterior
Infant and Primary: Playroom, exercise, multi-purpose room without direct opening to the outside.
Secondary, Baccalaureate and University: Classroom without direct opening to the outside.
Secondary, Baccalaureate and University: Multi-purpose classroom, meetings
Secondary, Baccalaureate and University: Other laboratories (physics, electricity, radiation, mechanics).
Sanitary
Single-user room, isolation room
Collective room
Waiting rooms, consultation rooms, distribution corridors
Major and minor operating theatres. Operating theatres
Radiological premises
Rehabilitation, massage, therapy and rehabilitation centres
Laboratories (no public access)
Public attendance
Catering: Main dining room, banqueting hall (intensive use)
Catering: Dining room restaurant, bar, cafeteria (medium use)
Catering: Dining room, company cafeteria
Entertainment and recreation: Large hall for receptions, dances, discotheques. Intensive use
Entertainment and recreation: Showroom, cinema, theatre, sports activities, amphitheatres, games (Closed)
Entertainment and recreation: lounges, waiting room, TV lounge, games room
Libraries and reading rooms: Libraries, reading rooms, temples of worship, museums (With public access)
Libraries and reading rooms: Libraries, reading rooms, houses of worship, museums (Internal use)

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Common transit areas
Indoor premises: corridors and common areas with heavy traffic
Indoor premises: Corridors and common areas with average traffic
Service, facilities
Toilets in office areas, restricted use
Sanitary premises special hygiene (hospitals, food)
Premises for telephone, computer and other dry installations
Re-printing service, copies of plans, photography
Archive and storage premises

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