

# LEA

CERAMICHE

## DECLARATION OF PERFORMANCE

No **DOP001LEA**

1. Unique identification code of the product-type

**Dry-pressed ceramic tiles with low water absorption  $E_b \leq 0,5 \%$ .**

2. Intended use

**Ceramic tiles for flooring and wall finishes, internal and external applications.**

3. Name and contact address of the manufacturer

**LEA CERAMICHE, via Cameazzo 21, 41042 Fiorano Modenese (MO) – ITALY**


4. System of assessment and verification of constancy of performance of the construction products (AVCP)

**System 4**

5. Name and identification number of notified body, if applicable

**Not applicable**

6. Declared performance

Essential characteristics	Performance	Harmonised technical specifications
Reaction to fire	A1fl/A1	 EN 14411:2012
Release of dangerous substances		
- Cadmium	NPD	
- Lead	NPD	
Breaking strength	$\geq 1300$ N	
Modulus of rupture	$\geq 35$ N/mm <sup>2</sup>	
Slip resistance	See Annex enclosed	
Skid resistance	NPD	
Adhesion resistance		
- Cementitious adhesive C1 class	$\geq 0,5$ N/mm <sup>2</sup>	
- Cementitious adhesive C2 class	$\geq 1,0$ N/mm <sup>2</sup>	
Thermal shock resistance	Passed	
Durability		
- Internal use	Passed	
- External use: Frost resistance	Passed	

7. The performance of the product identified in point 1 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Fiorano Modenese, February 18<sup>th</sup> 2019

Signed for and on behalf of the manufacturer by



Enrico Mantovani, Lea Ceramiche Quality Dept.

### Annex to the Declaration Of Performance N. DOP001LEA

#### SLIP RESISTANCE

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## CERAMICHE

Series	Products	DIN 51130	BCRA D.M. 236/1989
Ancient Jerusalem	Cedron Gold, Ghihon Beige, Hebron White	R9	>0,40
Arenaria	Avorio, Sabbia, Caramel, Brown	R10	>0,40
Athena	Onice Chiaro, Travertino, Pulpis	NPD	NPD
Auderey	Bianco, Sabbia, Tortora, Azzurro, Salvia, Lilla, Nero	NPD	NPD
Atlantis	Desert Beige Nat, Glacier Gray Nat, Mineral Gray Nat	R9	>0,40
Atlantis	Desert Beige Grip, Glacier Gray Grip, Mineral Gray Grip	R11	>0,40
Basaltina Stone Project	Sabbiata, Scalpellata	R11	>0,40
Basaltina Stone Project	Sabbiata Velvet, Naturale, Stuccata, Texture Nat	R10	>0,40
Basaltina Stone Project	Levigata, Lappata, Texture Lev	NPD	NPD
Bioessenze	Rovere Bianco, Rovere Decapè	R9	>0,40
Bioessenze	Rovere Naturale, Teak, Noce	NPD	NPD
Bio Lumber	Lodge Greige, Lodge Brown, Lodge Grey, Lodge Grove	R10	>0,40
Bio Plank	Cottage Brown, Cottage Blue, Fumè, Oak Noisette, Oak Ice, Oak Lava	R9	>0,40
Bio Plank	Deck Brown, Deck Cinder, Deck Fumè	R11	>0,40
Bio Recover	Warm Cream, Golden Flame, Old Walnut	R10	>0,40
Bio Timber	Oak Patinato Chiaro, Oak Patinato Scuro, Oak Provenzale, Oak Grigio, Oak Grigio Scuro	R9	>0,40
Bio Select	Oak Vanilla, Oak Ginger, Oak Natural, Oak Ash, Oak Cloves, Walnut Tobacco, Walnut Cinnamon	R10	>0,40
Bio Select	Walnut Tobacco	R9	>0,40
Block	Ice, Sand, Nut, Grey, Brown, Dark	NPD	NPD
Blue Mountain	Cinder Gray, Ivory Black	R9	>0,40
Blue Mountain	Granite Gray	R11	>0,40
Blue Mountain	Crystal Black	NPD	NPD
Cliffstone	White Dover Nat, Beige Madeira Nat, Taupe Moher Nat, Grey Tenerife Nat	R10	>0,40
Cliffstone	White Dover Ant, Beige Madeira Ant, Taupe Moher Ant, Grey Tenerife Ant	R10	>0,40
Cliffstone	White Dover Lapp, Beige Madeira Lapp, Taupe Moher Lapp, Grey Tenerife Lapp	NPD	NPD
Cliffstone	White Dover Grip, Beige Madeira Grip, Taupe Moher Grip, Grey Tenerife Grip	R11	>0,40
Concreto	Concreto Extra Light NAT, Concreto Light NAT, Concreto Medium NAT, Concreto Dark NAT	R10	>0,40

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Concreto	Concreto Extra Light LAPP, Concreto Light LAPP, Concreto Medium LAPP, Concreto Dark LAPP	NPD	>0,40
Concreto	Concreto Extra Light GRIP, Concreto Light GRIP, Concreto Medium GRIP, Concreto Dark GRIP	R11	>0,40
Delight	Calacatta Oro LEV, Venato Bianco LEV, Invisible Light LEV, Marquina Nero LEV	NPD	NPD
Delight	Calacatta Oro NAT, Venato Bianco NAT, Invisible Light NAT, Marquina Nero NAT	R9	>0,40
District	Street Nat, Avenue Nat, Boulevard Nat, Route Nat	R10	>0,40
District	Street Grip, Avenue Grip, Boulevard Grip, Route Grip	R11	>0,40
Dreaming	Calacatta Shine Velvet, Gray Stone Velvet, Bianco Statuario Velvet, Crystal White Velvet, Romance Safari Velvet, Passion Pulpis Velvet, Imperial Onyx Velvet, Lasa Aurora Velvet	NPD	NPD
Dreaming	Calacatta Shine Lux, Gray Stone Lux, Bianco Statuario Lux, Crystal White Lux, Romance Safari Lux, Passion Pulpis Lux, Imperial Onyx Lux, Lasa Aurora Lux	NPD	NPD
Grande Pierre	Dorè Nat, Ecrù Nat, Grise Nat	R9	>0,40
Grande Pierre	Dorè Grip, Ecrù Grip, Grise Grip	R11	>0,40
Kalos	Warm Ivory, Crystal White, Earl Grey	NPD	NPD
Kensington	Ivory, Warm Grey, Clay, Extra White, Jade, Lagoon, Mauve	NPD	NPD
Makò	Papiro Bianco, Linen Beige, Cedar Bruno, Yucca Grigio, Java Scuro	R9	>0,40
Masterplan	Avorio, Nocciola, Marrone Scuro, Grigio Chiaro, Grigio, Nero	R10	>0,40
Mayfair	Extra White, Ivory, Warm Grey, Jade	NPD	NPD
Metropolis	Tokyo White Naturale, Milano Ecrù Naturale, Shangai Iron Naturale, Rio Coffee Naturale, Berlin Night Naturale, Paris Amante Naturale, London Gray Naturale, New York Coal Naturale	R10	>0,40
Metropolis	Tokyo White Spazzolato, Milano Ecrù Spazzolato, Shangai Iron Spazzolato, Rio Coffee Spazzolato, Berlin Night Spazzolato, Paris Amante Spazzolato, London Gray Spazzolato, New York Coal Spazzolato	R10	>0,40
Metropolis	Tokyo White Texture, Milano Ecrù Texture, Shangai Iron Texture, Rio Coffee Texture, Berlin Night Texture, Paris Amante Texture, London Gray Texture, New York Coal Texture	R10	>0,40

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Metropolis	Tokyo White Texture Grip, Milano Ecru Texture Grip, Shangai Iron Texture Grip, Rio Coffee Texture Grip	R11	>0,40
Midtown	Light Cameo, Deep Cameo, Easy Grey, Hard Grey	R9	>0,40
Nextone	Next White Nat, Next Gray Nat, Next Taupe Nat, Next Dark Nat	R10	>0,40
Nextone	Next White Lapp, Next Gray Lapp, Next Taupe Lapp, Next Dark Lapp	NPD	NPD
Nextone	Next White Grip, Next Gray Grip, Next Taupe Grip, Next Dark Grip	R11	>0,40
Nova	Cinder Flash Nat, Silver Ray Nat, Grey Burst Nat, Taupe Shine Nat	R10	>0,40
Nova	Cinder Flash Grip, Silver Ray Grip, Grey Burst Grip, Taupe Shine Grip	R11	>0,40
Origini	White Nat, Beige Nat, Light Grey Nat	R9	>0,40
Origini	White Lux, Beige Lux, Light Grey Lux	NPD	NPD
Origini	White Grip, Beige Grip, Light Grey Grip	R11	>0,40
Outdoor	Dorato, Grigio, Bruno	R11	>0,40
Pleasures	Bianco, Sabbia, Tortora, Azzurro, Salvia, Lilla, Nero	NPD	NPD
Rain Forest	Ash, Blue, Earth, White, Sand	R10	>0,40
Salento	Nocciola Manduria, Bianco Leuca, Beige Ostuni	R9	>0,40
Salento	Strutturato	R11	>0,40
Stoneclay	Silt, Lime, Cendre, Charcoal	R10	>0,40
Stonehenge	Grafite Nat, Antracite Nat, Cardoso Nat	R10	>0,40
Stonehenge	Savanna Nat	NPD	NPD
Stonehenge	Grafite Lapp, Antracite Lapp Cardoso Lapp, Savanna Lapp	NPD	NPD
Storm	Icestorm, Tropicalstorm, Darkstorm	R9	>0,40
Sunrise	American Walnut, Asian Grey, European Dark, African Amber, Australian Gold	R10	>0,40
System L2	Lime L2, Cendre L2, Oak Patinato Chiaro L2, Oak Patinato Scuro L2, Doral L2, Gneiss L2, Silver L2, White Dover L2, Beige Madeira L2, Taupe Moher L2, Grey Tenerife L2, Lodge Grove L2, Lodge Greige L2, Lodge Bown L2, Lodge Grey L2, Dorè L2, Ecru L2, Grise L2, Ivory Flow L2, Silver Flow L2, Gray Flow L2, Dark Flow L2, Next White L2, Next Gray L2, Next Taupe L2, Next Dark L2, Oak Natural L2, Oak Cloves L2, Concreto Extra Light L2, Concreto Light L2, Concreto Medium L2, Concreto Dark L2	R11	>0,40

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Tecnoquartz	Doral, Silver, Gneiss	R10	>0,40
Tecnoquartz	Hot Sand, Hard Black	R11	>0,40
Trame	Lino Plaster, Corda Plaster, Tabacco Plaster, Argilla Plaster, Tortora Plaster, Moro Plaster	R9	>0,40
Trame	Lino Canvas, Corda Canvas, Tabacco Canvas, Argilla Canvas, Tortora Canvas, Moro Canvas	R10	>0,40
Trame	Lino Matter, Corda Matter, Tabacco Matter, Argilla Matter, Tortora Matter, Moro Matter	R10	>0,40
Waterfall	Ivory Flow NAT, Silver Flow NAT, Gray Flow NAT, Dark Flow NAT	R10	>0,40
Waterfall	Ivory Flow LAPP, Silver Flow LAPP, Gray Flow LAPP, Dark Flow LAPP	NPD	NPD
Waterfall	Ivory Flow GRIP, Silver Flow GRIP, Gray Flow GRIP, Dark Flow GRIP	R11	>0,40