

## DECLARATION OF PERFORMANCE (DoP)

Unicom 001

1. Unique identification code of the product type  
 Type, batch or serial number or any other element allowing identification of the product  
**Dry-pressed ceramic tiles, with water absorption  $E_b \leq 0,5\%$**
2. Intended uses  

**For internal and external walls and floorings**
3. Name or registered trade mark, and contact address of the manufacturer  

**Unicom S.r.l. - via Flumendosa 7 - 41042 Fiorano Modenese (MO) - Italy**
4. System of assessment and verification of constancy of performance (AVCP)  

**System 4**
5. Name and identification number of notified laboratory, if relevant - **not applicable**  
 Task carried out  
 AVCP system  
 Document issued and date of issue
6. Declare performances

Essential characteristics	Performance	Harmonised technical specification
<b>Reaction to fire</b>	A1 <sub>FL</sub> /A1	<b>EN 14411:2012</b>
<b>Release of dangerous substance, for:</b>		
- Cadmium	NPD	
- Lead	NPD	
<b>Breaking strength</b>	> 1 300 N	
<b>Slipperiness</b>	See attached table	
<b>Tactility</b>	NPD	
<b>Bond Strength/adhesion, for:</b>		
Cementitious adhesive, type C2	NPD	
<b>Termal shock resistance</b>	Pass	
<b>Durability for:</b>		
- internal use	Pass	
- external use: freeze-thaw resistance	Pass	

The performance of the product identified in point 1 is in conformity with the declared performances in point 6. This declaration of Performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Contergiani Marco - Direttore Generale

Fiorano, 01 July 2013



**Table - slipperiness (where required by regulation)**

TEST METHOD USED		DIN 51130	DIN 51097	ASTM
		Ramp	Ramp	Pull-Meter
Series	Product	Performance value / class		
Abitare	Loft	R9	NPD	dry 0.70 - wet 0,55
	Lounge	R9	NPD	dry 0.70 - wet 0,55
	Town	R9	NPD	dry 0.70 - wet 0,55
Acropolis	Beige	R9	NPD	NPD
	Brunito	R9	NPD	NPD
	Cotto	R9	NPD	NPD
	Dorato sand	R9	NPD	NPD
	Ruggine sand	R9	NPD	NPD
Affreschi	Ambra	NPD	NPD	dry 0.71 - wet 0,60
	Moka	NPD	NPD	dry 0.71 - wet 0,60
	Perla	NPD	NPD	dry 0.71 - wet 0,60
	Rubino	NPD	NPD	dry 0.71 - wet 0,60
	Zaffiro	NPD	NPD	dry 0.71 - wet 0,60
Antica Roma	Cassia	R9	A+B	dry 0.84 - wet 0,65
	Flaminia	R9	A+B	dry 0.84 - wet 0,65
	Aurelia	R9	A+B	dry 0.84 - wet 0,65
	Appia	R9	A+B	dry 0.84 - wet 0,65
Ardesia	Antracite	R9	NPD	dry 0.72 - wet 0,57
	Beige	R9	NPD	dry 0.72 - wet 0,57
	Blue	R9	NPD	dry 0.72 - wet 0,57
	Gold	R9	NPD	dry 0.72 - wet 0,57
	Muschio	R9	NPD	dry 0.72 - wet 0,57
Art Stone	Dark	NPD	NPD	NPD
	Light	NPD	NPD	NPD
	Medium	NPD	NPD	NPD
Cliff Stone	Calvert	R9	NPD	NPD
	Dorset	R9	NPD	NPD
	Rushmore	R9	NPD	NPD
	Santorini	R9	NPD	NPD
Colours	Tobacco	R9	NPD	dry 0.68 - wet 0,60
	Olive	R9	NPD	dry 0.68 - wet 0,60
	Ink	R9	NPD	dry 0.68 - wet 0,60
	Grey	R9	NPD	dry 0.68 - wet 0,60
	Tusk	R9	NPD	dry 0.68 - wet 0,60
	Tobacco sand	R12	A+B	dry 0.97 - wet 0,89
	Olive sand	R12	A+B	dry 0.97 - wet 0,89
	Ink sand	R12	A+B	dry 0.97 - wet 0,89
	Grey sand	R12	A+B	dry 0.97 - wet 0,89
	Tusk sand	R12	A+B	dry 0.97 - wet 0,89
Cottage Stone	Blu	R9	A+B+C	dry 0.88 - wet 0,65
	Beige	R9	A+B+C	dry 0.88 - wet 0,65
Design	Argento	NPD	NPD	NPD
	Ferro	NPD	NPD	NPD
	Piombo	NPD	NPD	NPD
	Bronzo	NPD	NPD	NPD
Dordogne	Ivoire	R10	A+B	dry 0.85 - wet 0,64
	Cendre	R10	A+B	dry 0.85 - wet 0,64
	Caramel	R10	A+B	dry 0.85 - wet 0,64
	Biscuit	R10	A+B	dry 0.85 - wet 0,64
	Ivoire grip	R12	A+B+C	NPD
	Cendre grip	R12	A+B+C	NPD
	Caramel grip	R12	A+B+C	NPD
	Biscuit grip	R12	A+B+C	NPD
Inspired by Nature	Canvas	R10	A+B+C	dry 0.80 - wet 0,63
	Moor	R10	A+B+C	dry 0.80 - wet 0,63
	Warm Grey	R10	A+B+C	dry 0.80 - wet 0,63
	Honey	R10	A+B+C	dry 0.80 - wet 0,63
	Soft Gold	R10	A+B+C	dry 0.80 - wet 0,63
	Tan	R10	A+B+C	dry 0.80 - wet 0,63
Interni	Cenere	NPD	NPD	dry 0.75 - wet 0,55
	Fumo	NPD	NPD	dry 0.75 - wet 0,55
	Scuro	NPD	NPD	dry 0.75 - wet 0,55
	Naturale Deck	NPD	NPD	dry 0.75 - wet 0,55
	Scuro Deck	NPD	NPD	dry 0.75 - wet 0,55
Landscape	Montana	R9	NPD	dry 0.79 - wet 0,62
	Nevada	R9	NPD	dry 0.79 - wet 0,62
	Niagara	R9	NPD	dry 0.79 - wet 0,62
Le Cere	Bianco	NPD	NPD	NPD
	Grigio	NPD	NPD	NPD
	Nero	NPD	NPD	NPD
	Tortora	NPD	NPD	NPD
	Sabbia	NPD	NPD	NPD
	Bordeaux	NPD	NPD	NPD
Materiae	Adamas	R10	NPD	dry 0.81 - wet 0,63
	Ignis	R10	NPD	dry 0.81 - wet 0,63
	Terra	R10	NPD	dry 0.81 - wet 0,63
	Carbo	R10	NPD	dry 0.81 - wet 0,63
	Aer	R10	NPD	dry 0.81 - wet 0,63

TEST METHOD USED		DIN 51130	DIN 51097	ASTM	
		Ramp	Ramp	Pull-Meter	
Series	Product	Performance value / class			
Maxxi	One	R10	A	dry 0.83 - wet 0,61	
	Two	R10	A	dry 0.83 - wet 0,61	
	Three	R10	A	dry 0.83 - wet 0,61	
	Four	R10	A	dry 0.83 - wet 0,61	
	Five	R10	A	dry 0.83 - wet 0,61	
	One grip	R11	A+B	NPD	
	Two grip	R11	A+B	NPD	
	Three grip	R11	A+B	NPD	
	Four grip	R11	A+B	NPD	
	Five grip	R11	A+B	NPD	
Natural Slate	Multicolor	R10	A	dry 0.88 - wet 0,62	
	Autumn	R10	A	dry 0.88 - wet 0,62	
	Winter	R10	A	dry 0.88 - wet 0,62	
	Multicolor sand	R12	A+B+C	dry 0.97 - wet 0,89	
	Autumn sand	R12	A+B+C	dry 0.97 - wet 0,89	
	Winter sand	R12	A+B+C	dry 0.97 - wet 0,89	
Onice	Grigio	NPD	NPD	NPD	
	Miele	NPD	NPD	NPD	
Oak	White	R9	A+B	dry 0.76 - wet 0,70	
	Linen	R9	A+B	dry 0.76 - wet 0,70	
	Ash	R9	A+B	dry 0.76 - wet 0,70	
	Mud	R9	A+B	dry 0.76 - wet 0,70	
	Tobacco	R9	A+B	dry 0.76 - wet 0,70	
	Pepper	R9	A+B	dry 0.76 - wet 0,70	
Old Forest	Ivory	R9	NPD	dry 0.68 - wet 0,53	
	Beige	R9	NPD	dry 0.68 - wet 0,53	
	Ivory sand	R11	A+B+C	dry 0.68 - wet 0,53	
	Beige sand	R11	A+B+C	dry 0.68 - wet 0,53	
Palladio	Avorio	NPD	NPD	NPD	
	Beige	NPD	NPD	NPD	
	Noce	NPD	NPD	NPD	
Quarzite	White	R10	A	dry 0.85 - wet 0,71	
	Gold	R10	A	dry 0.85 - wet 0,71	
	Green	R10	A	dry 0.85 - wet 0,71	
	Grey	R10	A	dry 0.85 - wet 0,71	
	White sand	R12	A+B	NPD	
	Gold sand	R12	A+B	NPD	
	Green sand	R12	A+B	NPD	
	Grey sand	R12	A+B	NPD	
	Raw	Coal	R10	A+B	NPD
		Concrete	R10	A+B	NPD
Juta		R10	A+B	NPD	
Sugar		R10	A+B	NPD	
Salt		R10	A+B	NPD	
Coal grip		R12	A+B+C	NPD	
Concrete grip		R12	A+B+C	NPD	
Juta grip		R12	A+B+C	NPD	
Sugar grip		R12	A+B+C	NPD	
Salt grip		R12	A+B+C	NPD	
Renaissance		Navona	NPD	NPD	dry 0.76 - wet 0,60
	Ivory	NPD	NPD	dry 0.76 - wet 0,60	
	Silver	NPD	NPD	dry 0.76 - wet 0,60	
	Navona polished	NPD	NPD	dry 0.76 - wet 0,60	
	Ivory polished	NPD	NPD	dry 0.76 - wet 0,60	
	Silver polished	NPD	NPD	dry 0.76 - wet 0,60	
	River Rock	Green	NPD	NPD	dry 0.77 - wet 0,60
Walnut	NPD	NPD	dry 0.77 - wet 0,60		
Sand Stone	Gold	R10	A	NPD	
Traces	Pearl satin	NPD	A+B+C	NPD	
	Papyrus satin	NPD	A+B+C	NPD	
	Ecrù satin	NPD	A+B+C	NPD	
	Mahogany satin	NPD	A+B+C	NPD	
	Charcoal satin	NPD	A+B+C	NPD	
	Pearl polished	NPD	NPD	NPD	
	Papyrus polished	NPD	NPD	NPD	
	Ecrù polished	NPD	NPD	NPD	
	Mahogany polished	NPD	NPD	NPD	
	Charcoal polished	NPD	NPD	NPD	
Tuscany	Ivory	R9	NPD	dry 0.74 - wet 0,64	
	Oro	R9	NPD	dry 0.74 - wet 0,64	
	Classico	R9	NPD	dry 0.74 - wet 0,64	
	Beige	R9	NPD	dry 0.74 - wet 0,64	
Vogue	Almond	R9	NPD	dry 0.75 - wet 0,60	
	Linen	R9	NPD	dry 0.75 - wet 0,60	
	Onix	R9	NPD	dry 0.75 - wet 0,60	
	Pecan	R9	NPD	dry 0.75 - wet 0,60	
	Shadow	R9	NPD	dry 0.75 - wet 0,60	

Icon	bone white	R10	A+B	DCOF >0.42
	dove grey	R10	A+B	DCOF >0.42
	gun powder	R10	A+B	DCOF >0.42
	taupe back	R10	A+B	DCOF >0.42
	jet black	R10	A+B	DCOF >0.42
	bone white grip	R12	A+B+C	NPD
	dove grey grip	R12	A+B+C	NPD
	gun powder grip	R12	A+B+C	NPD
	taupe back grip	R12	A+B+C	NPD
	jet black grip	R12	A+B+C	NPD

timeless	shell naturale	NPD	A	DCOF >0.42
	ivry naturale	NPD	A	DCOF >0.42
	horn naturale	NPD	A	DCOF >0.42
	amber naturale	NPD	A	DCOF >0.42
	fossil naturale	NPD	A	DCOF >0.42
	shell polished	NPD	NPD	NPD
	ivry polished	NPD	NPD	NPD
	horn polished	NPD	NPD	NPD
	amber polished	NPD	NPD	NPD
	fossil polished	NPD	NPD	NPD

loire	blanc	R10	A	>0.42
	beige	R10	A	>0.42
	ocre	R10	A	>0.42
	gris	R10	A	>0.42
	blanc grip	R12	A+B+C	>0.42
	beige grip	R12	A+B+C	>0.42
	ocre grip	R12	A+B+C	>0.42
	gris grip	R12	A+B+C	>0.42

board	chalk grip	R12	A+B+C	>0.42
	paper grip	R12	A+B+C	>0.42
	dust grip	R12	A+B+C	>0.42
	graphite grip	R12	A+B+C	>0.42
	inkwell grip	R12	A+B+C	>0.42
	chalk	R10	A	>0.42
	paper	R10	A	>0.42
	dust	R10	A	>0.42
	graphite	R10	A	>0.42
	inkwell	R10	A	>0.42

breccia	cream	NPD	A+B	>0.42
	silk	NPD	A+B	>0.42

groove	twist	R10	A	>0.42
	charleston	R10	A	>0.42
	classic	R10	A	>0.42
	tango	R10	A	>0.42
	foxtrot	R10	A	>0.42
	boogie	R10	A	>0.42

key	largo	R9	A+B	>0.42
	west	R9	A+B	>0.42
	harbor	R9	A+B	>0.42
	largo grip	R12	A+B+C	>0.42
	west grip	R12	A+B+C	>0.42
	harbor grip	R12	A+B+C	>0.42

muse	statuario satin	NPD	A+B	>0.42
	calacatta satin	NPD	A+B	>0.42
	marfil satin	NPD	A+B	>0.42
	statuario polished	NPD	NPD	NPD
	calacatta polished	NPD	NPD	NPD
	marfil polished	NPD	NPD	NPD

stonewave	pure	R10	A+B+C	>0.42
	warm	R10	A+B+C	>0.42
	light	R10	A+B+C	>0.42
	dark	R10	A+B+C	>0.42

tides	saint malo	R9	A+B	>0.42
	fitzroy	R9	A+B	>0.42
	fundy bay	R9	A+B	>0.42

essence	mint	R9	A	>0.42
	amise	R9	A	>0.42
	vamilla	R9	A	>0.42
	juniper	R9	A	>0.42
	licorice	R9	A	>0.42
	coffee	R9	A	>0.42
	mint grip	R12	A+B+C	>0.42
	amise grip	R12	A+B+C	>0.42
	vamilla grip	R12	A+B+C	>0.42
	juniper grip	R12	A+B+C	>0.42
	licorice grip	R12	A+B+C	>0.42
	coffee grip	R12	A+B+C	>0.42

kauri	bright	R10	A+B	>0.42
	essential	R10	A+B	>0.42
	golden	R10	A+B	>0.42
	mulled	R10	A+B	>0.42
	natural	R10	A+B	>0.42

timeless	shell	NPD	A	R9
	ivory	NPD	A	R9
	horn	NPD	A	R9
	amber	NPD	A	R9
	fossil	NPD	A	R9

stage	broadway	R9	A	>0.42
	royal	R9	A	>0.42
	opera	R9	A	>0.42
	la scala	R9	A	>0.42
	la fenice	R9	A	>0.42
	globe	R9	A	>0.42
	bolshoi	R9	A	>0.42
	metropolitan	R9	A	>0.42

apogee	plume	R10	A	>0.42
	rain	R10	A	>0.42
	storm	R10	A	>0.42
	eclipse	R10	A	>0.42
	atmosphere	R10	A	>0.42

basaltina	01 naturale	R10	A+B	>0.42
	02 naturale	R10	A+B	>0.42
	03 naturale	R10	A+B	>0.42
	01 strutturato	R12	A+B	>0.42
	02 strutturato	R12	A+B	>0.42
	03 strutturato	R12	A+B	>0.42
	01 lappato	R9	A+B	>0.42
	02 lappato	R9	A+B	>0.42
	03 lappato	R9	A+B	>0.42