

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
Reaction to fire	A1 _{FL} /A1	EN 14411:2012
Release of dangerous substance, for:		
- Cadmium	NPD	
- Lead	NPD	
Breaking strength	> 1 300 N	
Slipperiness	See attached table	
Tactility	NPD	
Bond Strength/adhesion, for:		
Cementitious adhesive, type C2	NPD	
Termal shock resistance	Pass	
Durability for:		
- 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
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	Genere	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
	Sabbia 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
	Ecrú 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
	Ecrú polished	NPD	NPD	NPD
	Mahogany polished	NPD	NPD	NPD
	Charcoal polished	NPD	NPD	NPD
Tuscany	Ivory	R9	NDP	dry 0,74 - wet 0,64
	Oro	R9	NDP	dry 0,74 - wet 0,64
	Classico	R9	NDP	dry 0,74 - wet 0,64
	Beige	R9	NDP	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

overall	cotton	R9	A	>0.42
	hemp	R9	A	>0.42
	cashmere	R9	A	>0.42
	velvet	R9	A	>0.42

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

cabane	fog	R10	A+B	>0.42
	sand	R10	A+B	>0.42
	stone	R10	A+B	>0.42
	shell	R10	A+B	>0.42
	tobacco	R10	A+B	>0.42
	bark	R10	A+B	>0.42
	fog grip	R 11	A+B+C	>0.42
	sand grip	R 11	A+B+C	>0.42
	stone grip	R 11	A+B+C	>0.42
	shell grip	R 11	A+B+C	>0.42
	tobacco grip	R 11	A+B+C	>0.42
	bark grip	R 11	A+B+C	>0.42

cosmic	white	R9	A	>0.42
	grey	R9	A	>0.42
	ivory	R9	A	>0.42
	black	R9	A	>0.42

evostone	ivory	R10	A+B	>0.42
	mist	R10	A+B	>0.42
	dune	R10	A+B	>0.42
	natural	R10	A+B	>0.42
	graphite	R10	A+B	>0.42
	ivory grip	R12	A+B+C	>0.42
	mist grip	R12	A+B+C	>0.42
	dune grip	R12	A+B+C	>0.42
	natural grip	R12	A+B+C	>0.42
graphite grip	R12	A+B+C	>0.42	

marwari	moon	R10	A+B	>0.42
	clay	R10	A+B	>0.42
	rain	R10	A+B	>0.42
	storm	R10	A+B	>0.42
	moon grip	R11	A+B+C	>0.42
	clay grip	R11	A+B+C	>0.42
	rain grip	R11	A+B+C	>0.42

pietra di gré	bianco	R10	A	>0.42
	grigio	R10	A	>0.42
	antracite	R10	A	>0.42
	bianco strutturato	R11	A+B+C	>0.42
	grigio strutturato	R11	A+B+C	>0.42
	antracite strutturato	R11	A+B+C	>0.42

wooden	willow	R10	A+B	>0.42
	maple	R10	A+B	>0.42
	aspen	R10	A+B	>0.42
	olive	R10	A+B	>0.42
	birch	R10	A+B	>0.42
	elm	R10	A+B	>0.42
	willow grip	R11	A+B+C	>0.42
	maple grip	R11	A+B+C	>0.42
	aspen grip	R11	A+B+C	>0.42
	birch grip	R11	A+B+C	>0.42
	elma grip	R11	A+B+C	>0.42
	olive grip	R11	A+B+C	>0.42

debris	talc	R10	A+B	>0.42
	flint	R10	A+B	>0.42
	cinder	R10	A+B	>0.42
	soot	R10	A+B	>0.42
	talc grip	R11	A+B+C	>0.42
	flint grip	R11	A+B+C	>0.42
	cinder grip	R11	A+B+C	>0.42
	soot grip	R11	A+B+C	>0.42

seamless	cl_01	R10	A+B	>0.42
	cl_02	R10	A+B	>0.42
	cl_03	R10	A+B	>0.42
	wr_01	R10	A+B	>0.42
	wr_02	R10	A+B	>0.42
	wr_03	R10	A+B	>0.42

reverie	blanc	R10	A+B	>0.42
	gris	R10	A+B	>0.42
	blue	R10	A+B	>0.42
	noir	R10	A+B	>0.42
	décor 1	R10	A+B	>0.42
	décor 2	R10	A+B	>0.42
	décor 3	R10	A+B	>0.42
	décor 4	R10	A+B	>0.42
	décor 5	R10	A+B	>0.42
	décor 6	R10	A+B	>0.42
	décor 7	R10	A+B	>0.42
	décor 8	R10	A+B	>0.42
	décor 9	R10	A+B	>0.42
	décor 10	R10	A+B	>0.42
décor 11	R10	A+B	>0.42	
décor 12	R10	A+B	>0.42	
décor 13	R10	A+B	>0.42	
décor 14	R10	A+B	>0.42	

quarzite 2thick	white	R12	A+B	>0.42
	grey	R12	A+B	>0.42
	green	R12	A+B	>0.42
	gold	R12	A+B	>0.42

stonewave 2thick	pure	R12	A+B	>0.42
	light	R12	A+B	>0.42
	dark	R12	A+B	>0.42
	pure	R12	A+B	>0.42

icon 2thick	dove grey	R12	A+B	>0.42
	gun powder	R12	A+B	>0.42
	taupe back	R12	A+B	>0.42
	jet black	R12	A+B	>0.42

marwari 2thick	clay	R12	A+B	>0.42
	moon	R12	A+B	>0.42
	rain	R12	A+B	>0.42
	storm	R12	A+B	>0.42

debris 2thick	talc	R12	A+B	>0.42
	flint	R12	A+B	>0.42
	cinder	R12	A+B	>0.42
	soot	R12	A+B	>0.42

cabane 2thick	fog	R12	A+B	>0.42
	sand	R12	A+B	>0.42
	stone	R12	A+B	>0.42
	shell	R12	A+B	>0.42
	tobacco	R12	A+B	>0.42
	bark	R12	A+B	>0.42

loire 2thick	blanc	R12	A+B	>0.42
	beige	R12	A+B	>0.42
	ocre	R12	A+B	>0.42
	gris	R12	A+B	>0.42

board 2thick	chalk	R12	A+B	>0.42
	paper	R12	A+B	>0.42
	dust	R12	A+B	>0.42
	graphite	R12	A+B	>0.42
	inkwell	R12	A+B	>0.42

brazilian slate 2thick	oxford white	R12	A+B	>0.42
	silk grey	R12	A+B	>0.42
	elephant grey	R12	A+B	>0.42
	pencil grey	R12	A+B	>0.42
	rail blackl	R12	A+B	>0.42

overall 2thick	cotton	R12	A+B	>0.42
	cashmere	R12	A+B	>0.42
	hemp	R12	A+B	>0.42
	velvet	R12	A+B	>0.42

key 2thick	west	R12	A+B	>0.42
	largo	R12	A+B	>0.42
	harbor	R12	A+B	>0.42

brazilian slate	oxford white	R10	A	>0.42
	silk grey	R10	A	>0.42
	elephant grey	R10	A	>0.42
	pencil grey	R10	A	>0.42
	rail blackl	R10	A	>0.42
	oxford white grip	R11	A+B+C	>0.42
	silk grey grip	R11	A+B+C	>0.42
	elephant grey grip	R11	A+B+C	>0.42
	pencil grey grip	R11	A+B+C	>0.42
	rail blackl grip	R11	A+B+C	>0.42

heritage	cement	R10	A+B	>0.42
	kaolin	R10	A+B	>0.42
	sand	R10	A+B	>0.42
	carbon	R10	A+B	>0.42
	cement grip	R11	A+B+C	>0.42
	kaolin grip	R11	A+B+C	>0.42
	sand grip	R11	A+B+C	>0.42
	carbon grip	R11	A+B+C	>0.42

heritage 2thick	cement	R12	A+B	>0.42
	kaolin	R12	A+B	>0.42
	sand	R12	A+B	>0.42
	carbon	R12	A+B	>0.42

le malte	calce	R10	A+B	>0.42
	antracite	R10	A+B	>0.42
	cenere	R10	A+B	>0.42
	tortora	R10	A+B	>0.42
	calce grip	R11	A+B+C	>0.42
	antracite grip	R11	A+B+C	>0.42
	cenere grip	R11	A+B+C	>0.42
	tortora grip	R11	A+B+C	>0.42

polestar	snow	R10	A+B	>0.42
	cloud	R10	A+B	>0.42
	moon	R10	A+B	>0.42
	space	R10	A+B	>0.42
	thunder	R10	A+B	>0.42
	snow grip	R11	A+B+C	>0.42
	cloud grip	R11	A+B+C	>0.42
	moon grip	R11	A+B+C	>0.42
	space grip	R11	A+B+C	>0.42
	thunder grip	R11	A+B+C	>0.42

sky	azur satin	R10	A+B	>0.42
	glace satin	R10	A+B	>0.42
	gris satin	R10	A+B	>0.42
	noir satin	R10	A+B	>0.42

pierre neuve	blanc	R10	A	>0.42
	creme	R10	A	>0.42
	sable	R10	A	>0.42
	noisette	R10	A	>0.42
	blanc grip	R11	A+B+C	>0.42
	creme grip	R11	A+B+C	>0.42
	sable grip	R11	A+B+C	>0.42
	noisette grip	R11	A+B+C	>0.42

muse 2.0	statuario satin		A+B	>0.42
	calacatta satin		A+B	>0.42
	calacatta gold satin		A+B	>0.42
	grey marble satin		A+B	>0.42
	nero marquina satin		A+B	>0.42
	reverse satin		A+B	>0.42

oXid	titanium	R10	A+B	>0.42
	silver	R10	A+B	>0.42
	lava	R10	A+B	>0.42
	iron	R10	A+B	>0.42
	emerald	R10	A+B	>0.42
	titanium grip	R11	A+B+C	>0.42
	silver grip	R11	A+B+C	>0.42
	lava grip	R11	A+B+C	>0.42
	iron grip	R11	A+B+C	>0.42
	emerald grip	R11	A+B+C	>0.42

venice	san marco	R10	A+B	>0.42
	rialto	R10	A+B	>0.42
	canalgrande	R10	A+B	>0.42
	giudecca	R10	A+B	>0.42
	la fenice	R10	A+B	>0.42
	murano	R10	A+B	>0.42
	san marco grip	R11	A+B+C	>0.42
	rialto grip	R11	A+B+C	>0.42
	canalgrande grip	R11	A+B+C	>0.42
	giudecca grip	R11	A+B+C	>0.42
	la fenice grip	R11	A+B+C	>0.42
	murano grip	R11	A+B+C	>0.42

wooden 2thick	maple	R12	A+B	>0.42
	elm	R12	A+B	>0.42
	aspen	R12	A+B	>0.42
	birch	R12	A+B	>0.42