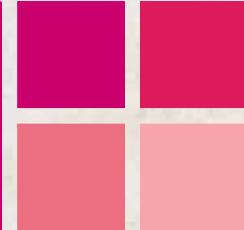


KERAMIKA  
KANJIŽA

®



**2016**  
kolekcija collection

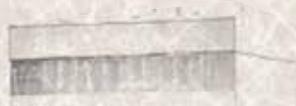
## SADRŽAJ / CONTENT

ZIDNE PLOČICE / WALL TILES	01 - 44
FASADNE PLOČICE / FACADE TILES	45 - 48
PODNE PLOČICE / FLOOR TILES	49 - 64
OBJAŠNJENJE SIMBOLA / SYMBOL EXPLANATION	65 - 65
TEHNIČKE KARAKTERISTIKE / TECHNICAL CHARACTERISTICS	67 - 72

## O NAMA / ABOUT US

Fabrika keramičkih pločica Keramika Kanjiža osnovana je 1980. godine, i više od tri decenije predstavlja sinonim za kvalitet. Već na samom početku, kao prioritet postavljeno je neprekidno praćenje tehnološkog razvoja, stalna inovacija znanja, opreme i proizvodnog programa prema zahtevima tržišta. Tokom godina, kompanija je rasla i razvijala se, a danas je jedna od vodećih proizvođača na domaćem tržištu. Koristeći najkvalitetniju proizvodnu opremu, italijanske boje i dizajn, proizvodi Keramike Kanjiža predstavljaju svetski kvalitet domaće proizvodnje, i time se izdvajaju od konkurenčije u Srbiji. Digitalizacijom 75% proizvodnog procesa povećani su godišnji kapaciteti proizvodnje, a glavni fokus je zadržavanje liderске pozicije na domaćem i osvajanje inostranih tržišta. Keramika Kanjiža je 2013. godine prva u Srbiji uvela Ink Jet digitalni štampač u redovnu proizvodnju, i tako postavila visoke standarde na domaćem tržištu keramičkih pločica. Od tada, Ink Jet je postao sastavni deo kvalitetne proizvodnje, a kompanija je u januaru 2015. godina investirala i u treći digitalni štampač. Keramika Kanjiža je razvijala assortiman pločica u pravcu proizvodnje serija, a zahvaljujući najmodernijoj opremi i vrhunskim dizajnerima, 2014. godine je proširila svoju ponudu pločicama koje mogu biti personalizovane i dizajnirane po zahtevu kupca.

The factory of ceramic tiles Keramika Kanjiža, founded in 1980, has been a synonym for quality for more than three decades. At the very beginning the continuous monitoring of technological development, constant innovation of knowledge, equipment and production program according to market demands were set as a priority. Over the years, the company has been growing and developing, and today is one of the leading manufacturers in the local market. Using the best quality production equipment, the Italian colors and designs, Keramika Kanjiža products represent the best of domestic production, and stands out from the rest of the competition in Serbia. The digitalization of about 75% of the production process increased the annual production capacity, and the main focus is to keep the leading position in the local area and to conquer foreign markets. In 2013 K.K. was the first to introduce Ink Jet digital printer in regular production in Serbia, and thus it set high standards in the domestic market of ceramic tiles. Since then Ink Jet has become an integral part of quality production and in January 2015 the company invested in the third digital printer. K.K. has been developing as assortment of tiles in the direction of series production, and thanks to modern equipment and top designers in 2014 it expanded its offer of tiles that can be personalized and designed to the customer's demand. In the previous period, in addition to wall and floor tiles, Keramika Kanjiža introduced the mass production of ceramic gallantry - borders, floor borders and decorative elements. Assortment of products developed towards production of series, and thanks to modern equipment and top designers, in 2014 the company has expanded its offer with tiles that can be personalized and designed to the customer's demand.



# Zidne pločice

Prateći moderni dizajn, ali i potražnju na domaćem i inostranim tržištima, Keramika Kanjiža je razvila širok asortiman zidnog programa keramičkih pločica. Ovaj asortiman je razvijen u pravcu proizvodnje serija - isti dekor zidnih i podnih pločica, sa velikim brojem odgovarajućih dekorativnih elemenata. Na ovaj način

Keramika Kanjiža je omogućila kupcima da u okviru jedne serije, odaberu potpuno različite koncepte, u zavisnosti od ličnog ukusa.

## Wall tiles

Following the modern design, but also the demand in the domestic and foreign markets, Keramika Kanjiža has developed a wide program range of wall ceramic tiles. This range has been developed towards production of series - the same decor for wall and floor tiles, with a large number of adequate decorative elements. This way Keramika Kanjiža has enabled customers to, choose completely different concepts within one series, depending on their personal taste.

01 - 44

# maiolica

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

**01**

25x50 33x33

DIGITAL



format



25X50  
33X33

kom/pc



13  
14

m<sup>2</sup>



1,62  
1,5

kg



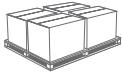
26,0  
25,4

m<sup>2</sup>/pal



58,32

kg/pal



956,0  
1033,0

S	sjajna pločica glossy tile
WT	wall tile / zidne pločice
FT	floor tile / podne pločice
M	mat pločica matt tile
LI	listela
IN	insert

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece



**Maiolica Bianco**



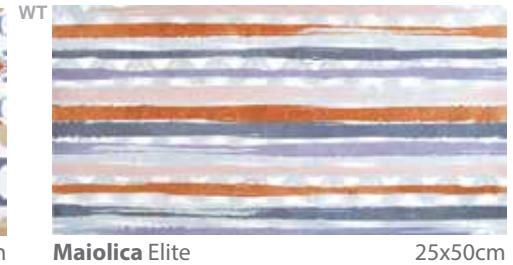
**Maiolica Cotto**



**Maiolica Blu**



**Maiolica Vintage**



**Maiolica Elite**



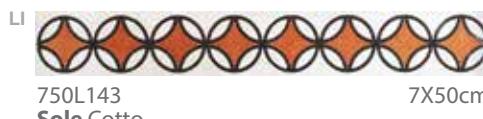
**2550C143  
Sole Cotto**



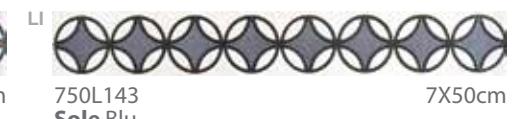
**2550C143  
Sole Blu**



**650L157  
Maiolica Vintage**



**750L143  
Sole Cotto**



**750L143  
Sole Blu**



**850L156  
Maiolica Elite**



**Maiolica Bianco** 33x33cm



**Maiolica Cotto** 33x33cm



**Maiolica Blu** 33x33cm

# limestone

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

**02**

25x50 33x33

DIGITAL



format



25X50  
33X33

kom/pc



13  
14

m<sup>2</sup>



1,62  
1,5

kg



26,0  
25,4

m<sup>2</sup>/pal



58,32  
60,0

kg/pal



956,0  
1033,0

S	sjajna pločica glossy tile
F	WT - wall tile / zidne pločice FT - floor tile / podne pločice
L	LI - listela IN - insert
M	mat pločica matt tile

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

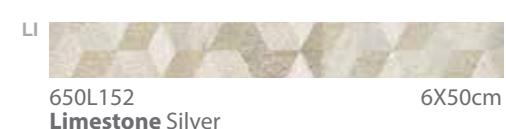
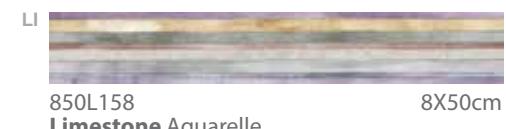
m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece



# marfil

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

**04**

25x50 33x33

DIGITAL



format



25X50  
33X33

kom/pc



13  
14

m<sup>2</sup>



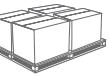
1,62  
1,5

kg



26,0  
25,4

m<sup>2</sup>/pal



58,32  
60,0

kg/pal



956,0  
1033,0

S	sjajna pločica glossy tile
F	WT - wall tile / zidne pločice FT - floor tile / podne pločice
L	LI - listela IN - insert
M	mat pločica matt tile

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece



**Marfil Crema** 25x50cm



**Marfil Cappuccino** 25x50cm



**Marfil Mocha** 25x50cm



**Marfil Mosaico** 25x50cm



**Marfil Flora** 25x50cm



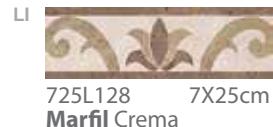
2550C129 **Marfil Magic** 25X50cm



2525M003 25X25cm  
**Marfil**



2550C145 **Marfil Classic** 25X50cm



725L128 7X25cm  
**Marfil Crema**



**Marfil Bouquet** 50x50cm



550L132 5X50cm  
**Marfil Kvadrat**



**Marfil Bouquet** 50x50cm



650L129 6X50cm  
**Marfil Magic**



**Marfil Bouquet** 50x50cm



650L131 6X50cm  
**Marfil Flora**



**Marfil Bouquet** 50x50cm



750L128 7X50cm  
**Marfil Crema**



**Marfil Bouquet** 50x50cm



850L136 8X50cm  
**Marfil Mosaico**



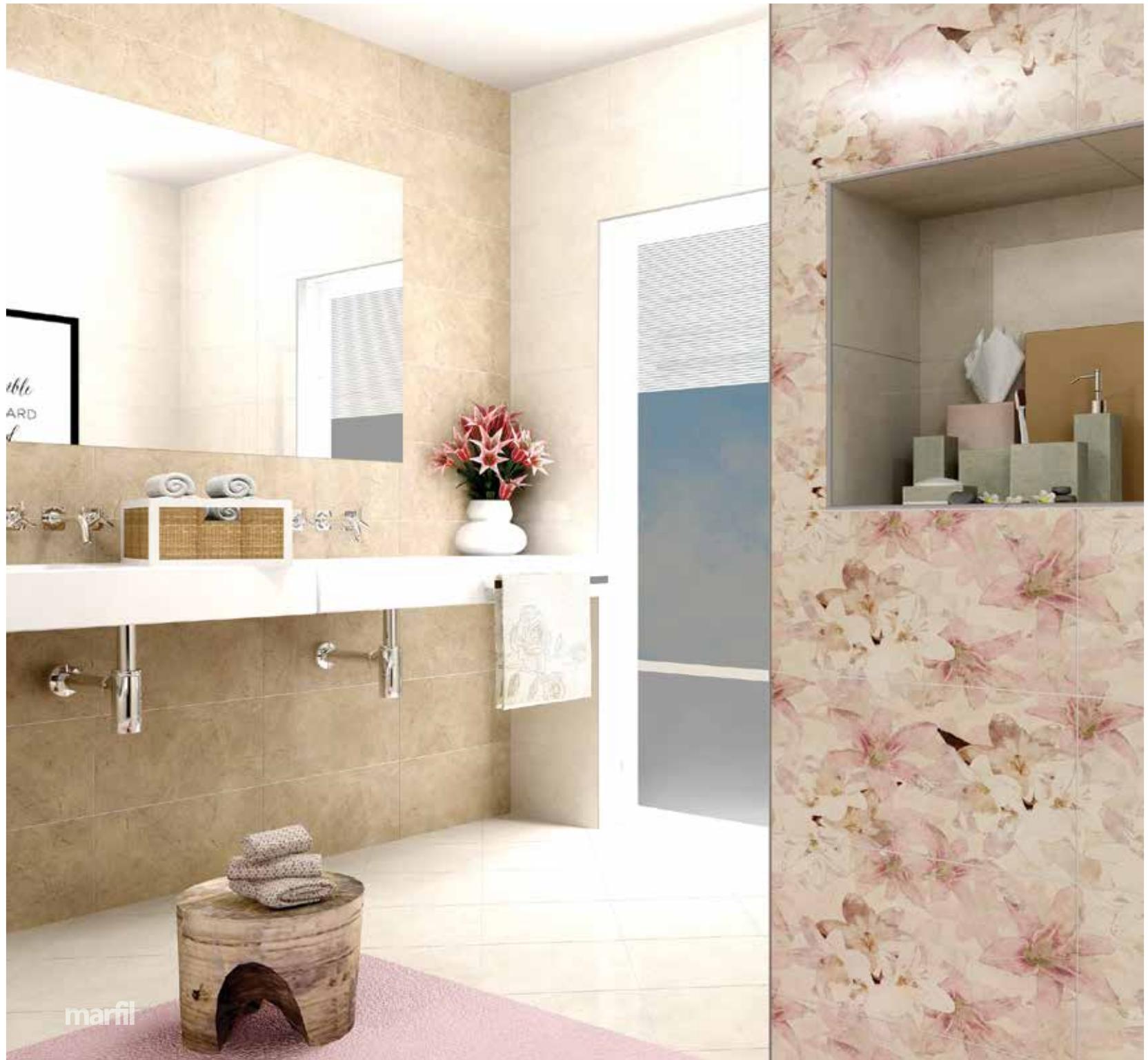
**Marfil Bouquet** 50x50cm



750L145 7X50cm  
**Marfil Classic**



**Marfil Bouquet** 50x50cm



**Marfil Crema** 33x33cm

FT  
PEI  
4



**Marfil Cappuccino** 33x33cm

FT  
PEI  
4



**Marfil Mocha** 33x33cm



**fusion**

**05**

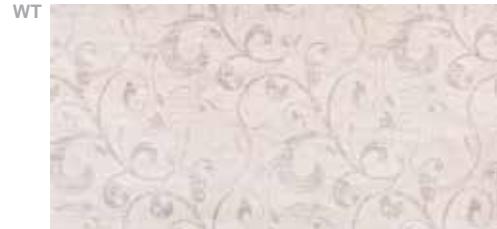
ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

DIGITAL

25x50 33x33

S	sjajna pločica glossy tile	WT - wall tile / zidne pločice	m <sup>2</sup>
F	mat pločica matt tile	FT - floor tile / podne pločice	m <sup>2</sup>
L		LI - listela	kom / piece
I		IN - insert	kom / piece

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
25X50	13	1,62	26,0	58,3	956,0
33X33	14	1,5	25,4	60,0	1033,0

**Fusion** Dark 25x50cm**Fusion** Inda Dark 25x50cm**Fusion** Viola 50x50cm**Fusion** 25x50cm**Fusion** Inda 25x50cm**Fusion** Onda 3D 25x50cm

IN

2525M003 25X25cm  
**Fusion**550L115 5X50cm  
**Fusion** ArcobalenoPEI  
3**Fusion** Dark 33x33cm**Fusion** 33x33cm



# habitat

**06**

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

DIGITAL

25x50 33x33



WT



Habitat Ice

25x50cm

WT



Habitat Graphite

25x50cm

WT



Habitat Grey

25x50cm

WT



Habitat Ice Onda 3D

25x50cm

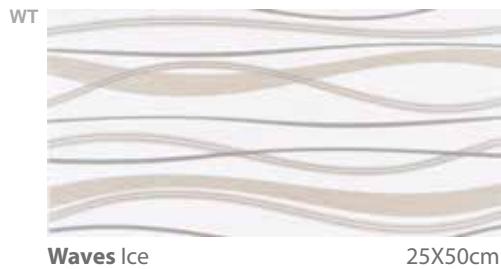
WT



Habitat Noce

25x50cm

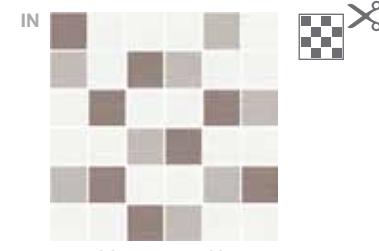
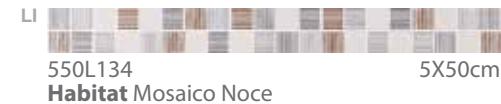
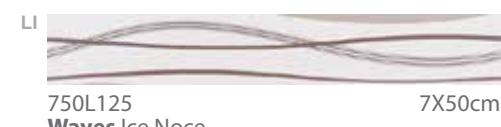




WT Waves Ice 25x50cm



WT Waves Ice Noce 25x50cm

IN 2525M003 25x25cm  
**Habitat** NoceLI 525L134 5x25cm  
**Habitat** Mosaico NoceLI 725L125 7x25cm  
**Waves** Ice NoceLI 725L125 7x25cm  
**Waves** noceLI 550L134 5x50cm  
**Habitat** Mosaico NoceLI 750L125 7x50cm  
**Waves** NoceLI 750L125 7x50cm  
**Waves** Ice Noce

WT Habitat Stripes Noce 25x50cm



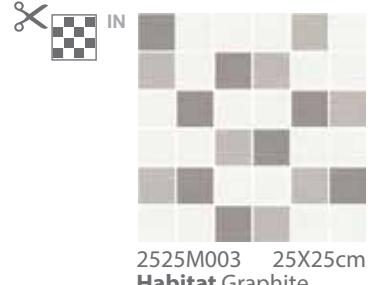
WT Waves Noce 25x50cm



WT Habitat Stripes 25x50cm



WT Waves Graphite 25x50cm

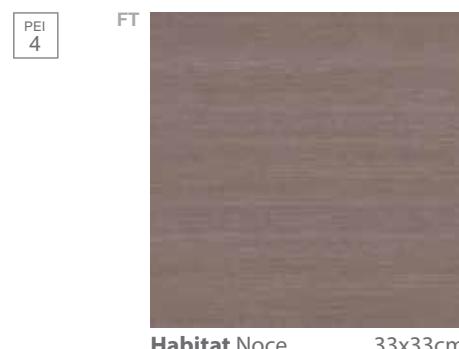
IN 2525M003 25x25cm  
**Habitat** GraphiteLI 525L134 5x25cm  
**Habitat** Mosaico GraphiteLI 725L125 7x25cm  
**Waves** IceLI 725L125 7x25cm  
**Waves** GraphiteLI 550L134 5x50cm  
**Habitat** Mosaico GraphiteLI 750L125 7x50cm  
**Waves** GraphiteLI 750L125 7x50cm  
**Waves** Ice



**habitat**



**Habitat Grey** 33x33cm



**Habitat Noce** 33x33cm



**Habitat Graphite** 33x33cm



	<b>WT</b> - wall tile / zidne pločice	<b>m<sup>2</sup></b>
	<b>FT</b> - floor tile / podne pločice	<b>m<sup>2</sup></b>
	<b>LI</b> - listela	<b>kom / piece</b>
	<b>IN</b> - insert	<b>kom / piece</b>

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
		1,62	26,0		58,3
	13 14	1,5	25,4		60,0
					1033,0

# venus

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

**07**

DIGITAL

25x50 33x33



WT



Venus

25x50cm

WT



Venus Noce

25x50cm

WT



Venus Primavera

25x50cm





**venus**

WT  4

**Venus Mosaico**

25x50cm



2550C118 **Venus Caffe** 25x50cm

LI  6x50cm

**Venus Mosaico**

6x50cm



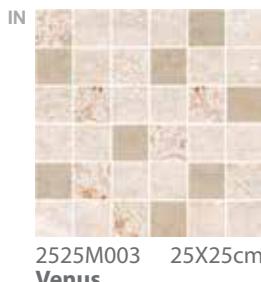
650L118 **Venus Caffe** 6x50cm

S	sjajna pločica glossy tile	WT - wall tile / zidne pločice	m <sup>2</sup>
M	mat pločica matt tile	FT - floor tile / podne pločice	m <sup>2</sup>
		LI - listela	kom / piece
		IN - insert	kom / piece

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
	13 14	1,62 1,5	26,0 25,4		58,3 60,0
					956,0 1033,0



2550C147  
**Venus** Pepper  
25x50cm



2525M003 25X25cm  
**Venus**



825L117 8x25cm  
**Siena**



650L160 6X50cm  
**Venus** Primavera



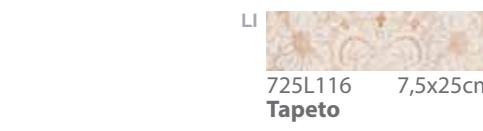
850L117 8x50cm  
**Siena**



2550C148  
**Venus** Spice  
25x50cm



2550C116 25x50cm  
**Tapeto**



725L116 7,5x25cm  
**Tapeto**



550L146 5X50cm  
**Venus** Spice



750L116 7,5x50cm  
**Tapeto**



**Venus** 33x33cm



**Venus** Noce 33x33cm

# travertino

**08**

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

DIGITAL

25x50 33x33



WT



Travertino

25x50cm

WT



Travertino Muro

25x50cm





**Travertino Floreal** 25x50cm



**Travertino Muro Floreal** 25x50cm



**Travertino Mosaico** 25x50cm



2550C129 **Travertino Magic** 25X50cm



850L136 **Travertino Mosaico** 8X50cm



850L126 **Athena** 8X50cm



450L099 **Tiara Gold** 4X50cm



850L126 **Athena Muro** 8X50cm



2525M003 **Travertino** 25X25cm



825L126 **Athena** 8X25cm



425L099 **Tiara Gold** 4X25cm



825L126 **Athena Muro** 8X25cm

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
25X50 33X33	13 14	1,62 1,5	26,0 25,4	58,3 60,0	956,0 1033,0

sjajna pločica glossy tile	<b>WT</b> - wall tile / zidne pločice	<b>m<sup>2</sup></b>
mat pločica matt tile	<b>FT</b> - floor tile / podne pločice	<b>m<sup>2</sup></b>
	<b>LI</b> - listela	<b>kom / piece</b>
	<b>IN</b> - insert	<b>kom / piece</b>



travertino



Travertino

33x33cm



Travertino Muro

33x33cm



# palazzo

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

09

25x50 33x33

DIGITAL



Palazzo Beige

25x50cm



Palazzo Rosso

25x50cm



[4]



[4]  
S  
GA  
GHA  
:



PEI  
3



8  
PEI  
4  
A

S	sjajna pločica glossy tile	WT - wall tile / zidne pločice	m <sup>2</sup>
F	mat pločica matt tile	FT - floor tile / podne pločice	m <sup>2</sup>
L		LI - listela	kom / piece
I		IN - insert	kom / piece

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
25X50 33X33	13 14	1,62 1,5	26,0 25,4	58,3 60,0	956,0 1033,0

# woodstone

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

**10**

DIGITAL

25x50 33x33



format



25X50  
33X33

kom/pc



13  
14

m<sup>2</sup>



1,62  
1,5

kg



26,0  
25,4

m<sup>2</sup>/pal



58,3  
60,0

kg/pal



956,0  
1033,0

S	sjajna pločica glossy tile
WT	wall tile / zidne pločice
FT	floor tile / podne pločice
LI	- listela

M	mat pločica matt tile
IN	- insert

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece



**Woodstone Light** 25x50cm



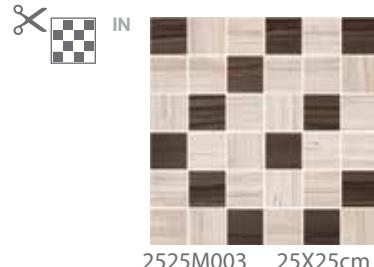
**Woodstone Dark** 25x50cm



IN 2550C124  
**Garden Color** 25X50cm



WT 1  
**Garden** 25X50cm



IN 2525M003 25X25cm  
**Woodstone**



LI 550L115  
**Arcobaleno** 5X50cm



LI 525L115 5X25cm  
**Arcobaleno**



LI 750L097  
**Mosaico Woodstone** 7X50cm



LI 725L097 7X25cm  
**Mosaico Woodstone**



LI 750L124  
**Garden Color** 7X50cm



LI 725L124 7X25cm  
**Garden Color**



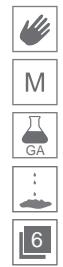
LI 750L095  
**Aura Woodstone** 7X50cm



**Woodstone Light** 33x33cm



**Woodstone Dark** 33x33cm



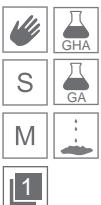
# bianca

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

**11**

DIGITAL

25x50 33x33



WT



Bianca  
Bianca Mat

25x50cm  
25x50cm

WT



Nera

25x50cm

format



25X50  
33X33

kom/pc



13  
14

m<sup>2</sup>



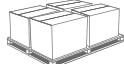
1,62  
1,5

kg



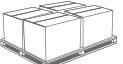
26,0  
25,4

m<sup>2</sup>/pal



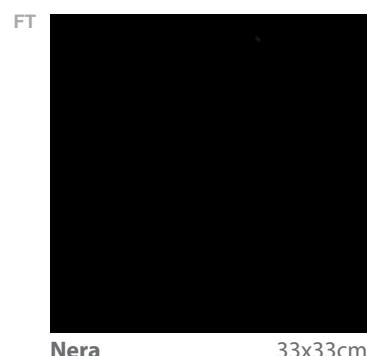
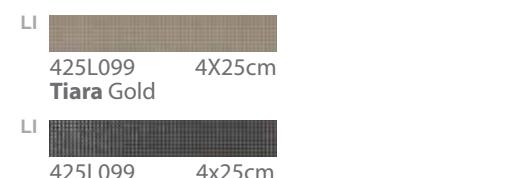
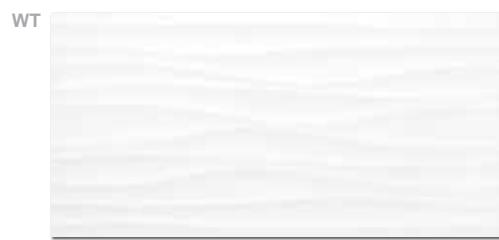
58,3  
60,0

kg/pal



956,0  
1033,0

S	sjajna pločica glossy tile
WT	wall tile / zidne pločice <b>m<sup>2</sup></b>
FT	floor tile / podne pločice <b>m<sup>2</sup></b>
M	listela mat pločica matt tile
IN	insert kom / piece



# happy

ZIDNE PLOČICE  
WALL TILES  
MONOPOROSA

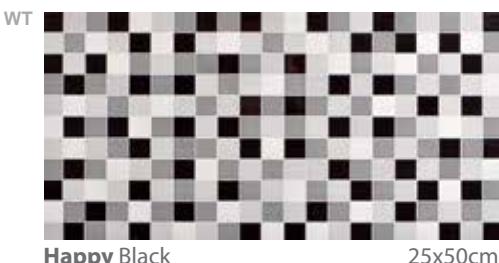
**12**

25x50

DIGITAL



- WT
- S
- GA
- GHA
- 
- 4



**PREPORUČENE PODNE PLOČICE**  
**RECOMENDED FLOOR TILES**



**Bianca**  
33x33cm  
str. /pg. 26



**Nera**  
33x33cm  
str. /pg. 26

format



kom/pc



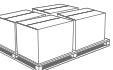
m<sup>2</sup>



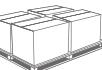
kg



m<sup>2</sup>/pal



kg/pal



25X50

13

1,62

26,0

58,3

956,0

S	sjajna pločica glossy tile
FT	- floor tile / podne pločice
LI	- listela
M	- matt tile

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

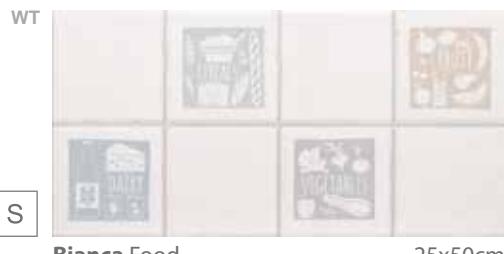
kom / piece

IN - insert

kom / piece



**Bianca** Kitchen 25x50cm



**Bianca** Food 25x50cm



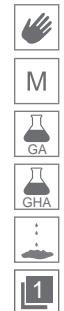
**Bianca** Happy Hour 25x50cm



**Venus** Kitchen 25x50cm



**Cotto** Kitchen 25x50cm



**Venus** Fresh 25x50cm



**Venus** Flavor 25x50cm

**PREPORUČENE PODNE PLOČICE**  
**RECOMENDED FLOOR TILES**



**Bianca**  
33x33cm  
str. /pg. 26



**Nera**  
33x33cm  
str. /pg. 26



**Venus**  
33x33cm  
str. /pg. 16



**Venus Noce**  
33x33cm  
str. /pg. 16



**Cotto**  
33x33cm  
str. /pg. 58

<b>S</b>	sjajna pločica glossy tile	<b>WT</b> - wall tile / zidne pločice	<b>m<sup>2</sup></b>
<b>M</b>	mat pločica matt tile	<b>FT</b> - floor tile / podne pločice	<b>m<sup>2</sup></b>
		<b>LI</b> - listela	<b>kom / piece</b>
		<b>IN</b> - insert	<b>kom / piece</b>

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
25X50	13	1,62	26,0	58,3	956,0

# allegra

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

**14**

25x50 33x33



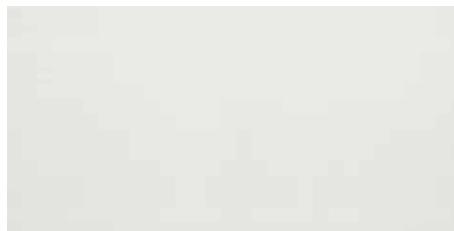
WT



Allegra Nera

25x50cm

WT



Allegra Bianca

25x50cm

format

kom/pc

m<sup>2</sup>

kg

m<sup>2</sup>/pal

kg/pal



25X50  
33X33



13  
14



1,62  
1,5



26,0  
25,4



58,3  
60,0



956,0  
1033,0

S	sjajna pločica glossy tile
WT	wall tile / zidne pločice
FT	floor tile / podne pločice
M	mat pločica matt tile
LI	listela
IN	insert

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece



2550C096  
**Fantasia Nera**  
25x50cm



2550C096  
**Fantasia Bianca**  
25x50cm



2525M003  
**Allegra Nera**  
5X25cm



825L096  
**Fantasia Nera**  
8x25cm



825L098  
**Luxury Gold**  
8x25cm



850L096  
**Fantasia Nera**  
8x50cm



850L098  
**Luxury Gold**  
8x50cm



2525M003  
**Allegra Bianca**  
25X25cm



825L096  
**Fantasia Bianca**  
8x25cm



425L099  
**Tiara**  
4x25cm



450L099  
**Tiara**  
4x50cm



850L096  
**Fantasia Bianca**  
8x50cm

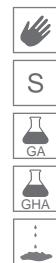


PEI  
3

**Allegra Nera**  
33x33cm



**Allegra Bianca**  
33x33cm





**Allegra Grigio** 25x50cm



2550C096  
**Fantasia Grigio** 25x50cm



2525M003 25X25cm  
**Allegra Grigio**



825L096 8x25cm  
**Fantasia Grigio**



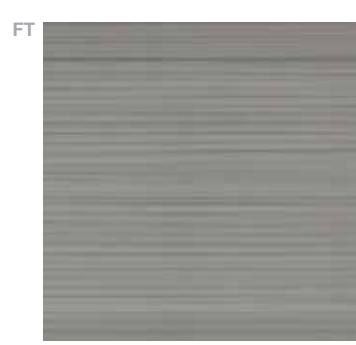
725L097 7x25cm  
**Mosaico Allegra**  
Grigio



850L096 8x50cm  
**Fantasia Grigio**



750L097 7x50cm  
**Mosaico Allegra** Grigio



**Allegra Grigio** 33x33cm



**Allegra Pistaccio** 25x50cm



2550C096 25x50cm  
**Fantasia Pistaccio**



2525M003 25X25cm  
**Allegra Pistaccio**



825L096 8x25cm  
**Fantasia Pistaccio**



725L097 7x25cm  
**Mosaico Allegra**  
Pistaccio



850L096 8x50cm  
**Fantasia Pistaccio**



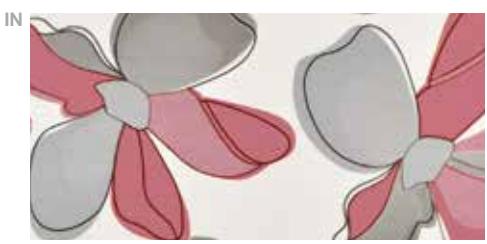
750L097 7x50cm  
**Mosaico Allegra** Pistaccio



PEI  
3

**Allegra Pistaccio** 33x33cm





IN 2550C121 25x50cm  
**Gardenia**



WT Lara Rosa 25x50cm



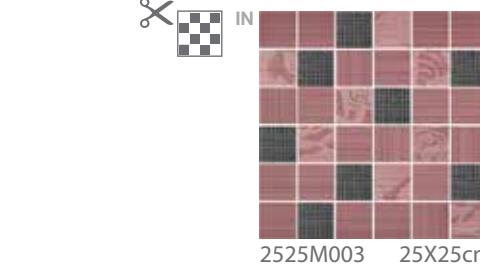
WT **Allegra Lila** 25x50cm



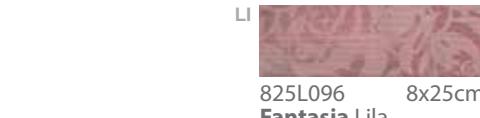
IN 2550C121 25x50cm  
**Gardenia Pistaccio**



IN 2550C096 25x50cm  
**Fantasia Lila**



IN 2525M003 25X25cm  
**Allegra Lila**



LI 825L096 8x25cm  
**Fantasia Lila**



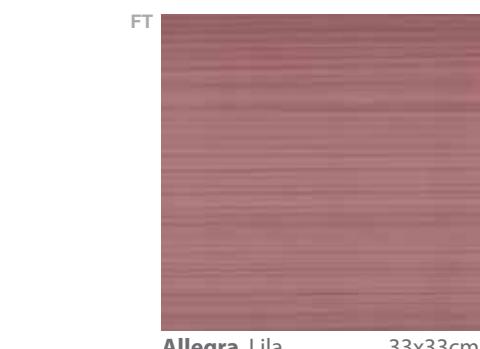
LI 725L097 7x25cm  
**Mosaico Allegra Lila**



LI 850L096 8x50cm  
**Fantasia Lila**



LI 750L097 7x50cm  
**Mosaico Allegra Lila**



**Allegra Lila** 33x33cm



# neox

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

**15**

25x50 33x33



format



kom/pc



m<sup>2</sup>



kg



m<sup>2</sup>/pal



kg/pal



25X50  
33X33

13  
14

1,62  
1,5

26,0  
25,4

58,3  
60,0

956,0  
1033,0

S	sjajna pločica glossy tile
FT	- wall tile / zidne pločice floor tile / podne pločice
LI	- listela mat pločica matt tile
IN	- insert

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece



WT **Neox Dark** 25x50cm



WT **Neox Almond** 25x50cm



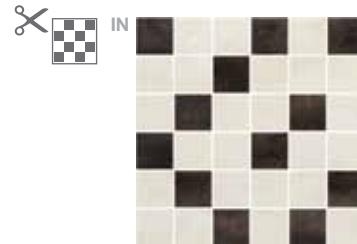
IN **2550C094  
Regina Dark** 25x50cm



IN **2550C094  
Regina Almond** 25x50cm



IN **2550C164  
Neox Lines** 25x50cm



~~IN~~ **2525M003  
Neox** 25X25cm



LI **825L094  
Regina Dark** 8x25cm



LI **825L094  
Regina Almond** 8x25cm



LI **550L149  
Neox Iron** 5x50cm



LI **750L095  
Aura Almond** 7x50cm



LI **750L095  
Aura Dark** 7x50cm



LI **850L094  
Regina Almond** 8x50cm



PEI  
3

LI **850L094  
Regina Dark** 8x50cm



FT **Neox Almond** 33x33cm



**Neox Dark** 33x33cm

# living

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

**16**

25x40 33x33



format



25X40  
33X33

kom/pc



16  
14

m<sup>2</sup>



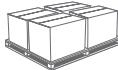
1,6  
1,5

kg



20,3  
25,4

m<sup>2</sup>/pal



76,8  
60,0

kg/pal



991,0  
1033,0

S	sjajna pločica glossy tile
FT	- floor tile / podne pločice
LI	- listela
M	mat pločica matt tile

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece



WT  
**Living Mocha**  
25x40cm



WT  
**Living Smoke**  
25x40cm



WT  
**Living Cream**  
25x40cm



IN  
2540C0137 25x40cm  
**Living Forest**



IN  
2540C140 25x40cm  
**Living Wind**



IN  
2540C138 25x40cm  
**Living Twist**



LI  
725L137 7x25cm  
**Living Forest**



LI  
625L140 6x25cm  
**Living Soft**



LI  
325L139 3x25cm  
**Living Nice**



LI  
740L137 7x40cm  
**Living Forest**



PEI  
3

**Living Mocha** 33x33cm



**Living Cream** 33x33cm



# orion

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

17

25x40 33x33



WT



**Orion Nero**  
25x40cm

LI 325L139 3x25cm  
**Orion Nice**

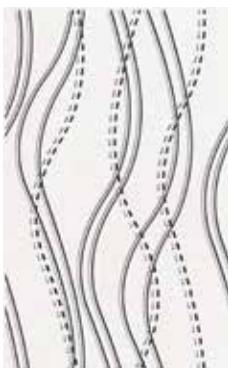
LI 525L052 5X25cm  
**Gioco Nero**

IN



2540C141 25x40cm  
**Orion Wood**

IN



2540C140 25x40cm  
**Orion Wind**

WT



**Orion Bianco**  
25x40cm

LI 625L140 6x25cm  
**Orion Soft**



FT



**Orion Nero** 33x33cm

FT



**Orion Bianco** 33x33cm



# amore

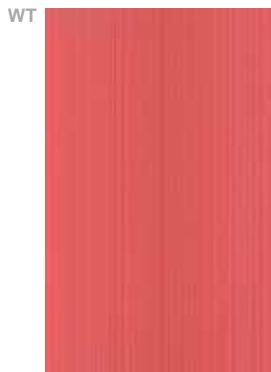
**18**

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

25x40 33x33

S	sjajna pločica glossy tile	WT - wall tile / zidne pločice	m <sup>2</sup>
F	mat pločica matt tile	FT - floor tile / podne pločice	m <sup>2</sup>
L	listela	LI - insert	kom / piece
I		IN - insert	kom / piece

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
25X40 33X33	16 14	1,6 1,5	20,3 25,4	76,8 60,0	991,0 1033,0



**Amore Rosso**  
25x40cm

LI

325L043P 3X25cm  
**Compton Rosso**



2540C081 25X40cm  
**Dalia**

LI

640L054P 6X40cm  
**Flutto Rosso**

LI

640L055P 6X40cm  
**Grazia Rosso**



**Amore Nero**  
25x40cm



2540C142 25X40cm  
**Iris Rosso**



**Amore Bianco**  
25x40cm

LI

325L043P 3X25cm  
**Compton Nero**



LI

825L054P 8X25cm  
**Flutto Nero Extra**

LI

640L054P 6X40cm  
**Flutto Nero**

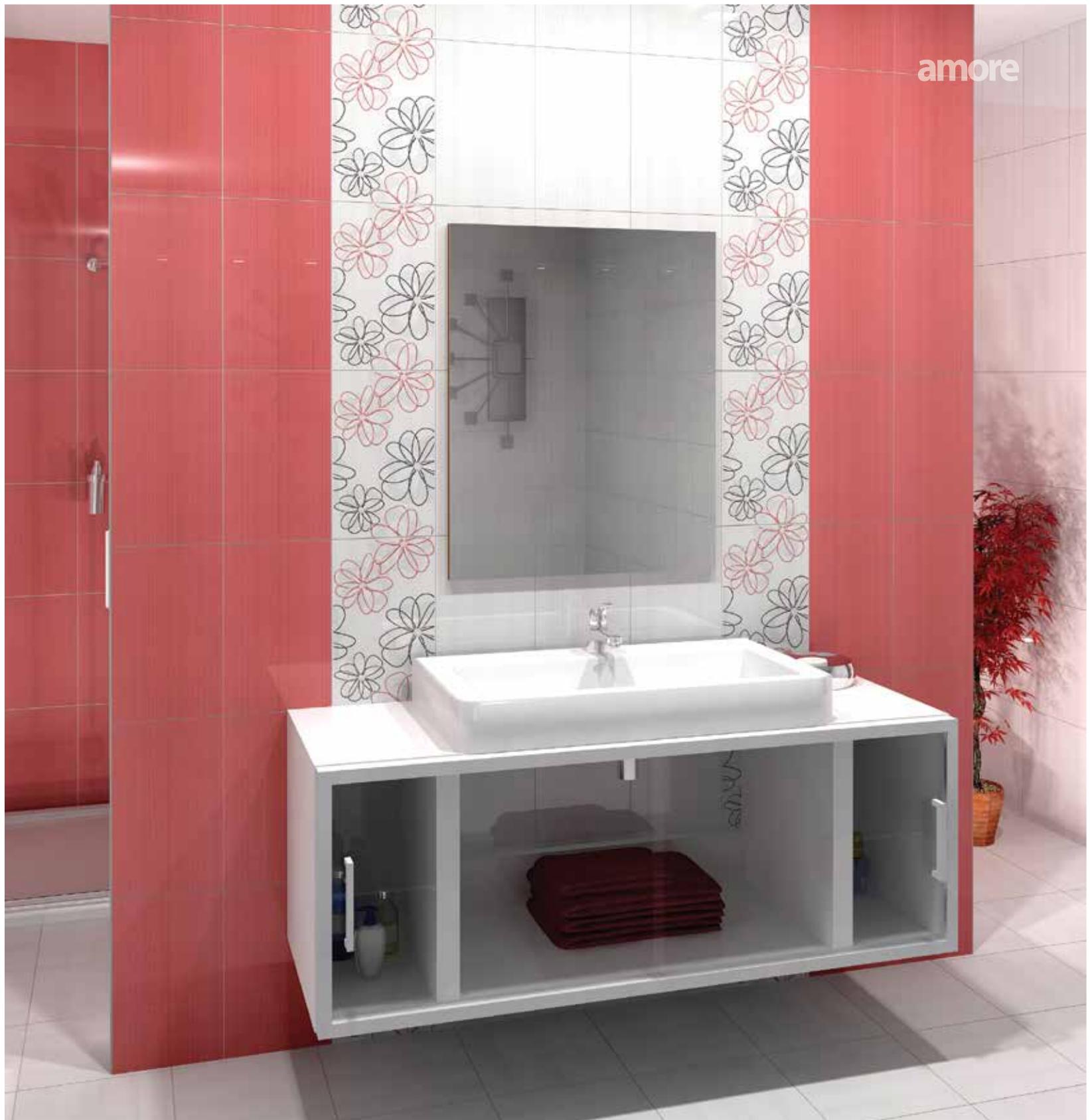
LI

640L055P 6X40cm  
**Grazia Nero**



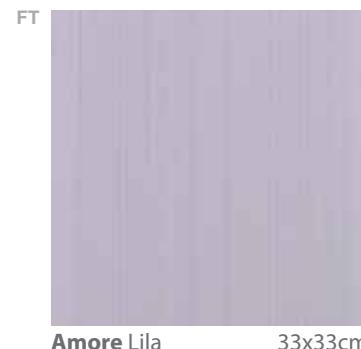
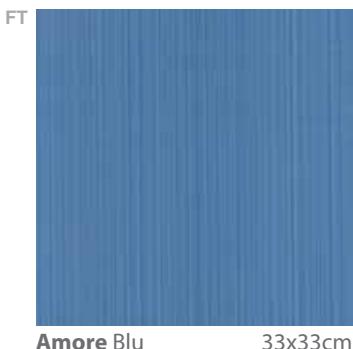
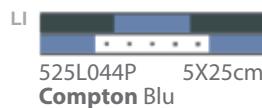
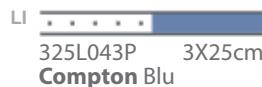
PEI  
3





S	sjajna pločica glossy tile	<b>WT</b> - wall tile / zidne pločice	<b>m<sup>2</sup></b>
		<b>FT</b> - floor tile / podne pločice	<b>m<sup>2</sup></b>
L	mat pločica matt tile	<b>LI</b> - listela	<b>kom / piece</b>
		<b>IN</b> - insert	<b>kom / piece</b>

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
 25X40 33X33	 16 14	 1,6 1,5	 20,3 25,4	 76,8 60,0	 991,0 1033,0





**lana**

**19**

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

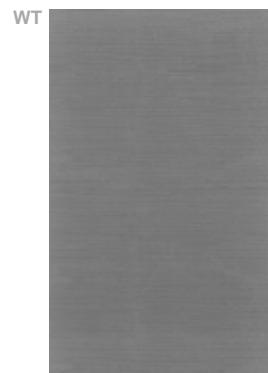
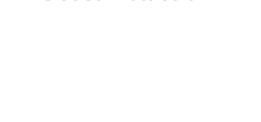
25x40 33x33

S	sjajna pločica glossy tile	WT - wall tile / zidne pločice	m <sup>2</sup>
F	mat pločica matt tile	FT - floor tile / podne pločice	m <sup>2</sup>
L		LI - listela	kom / piece
I		IN - insert	kom / piece

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
25X40 33X33	16 14	1,6 1,5	20,3 25,4	76,8 60,0	991,0 1033,0



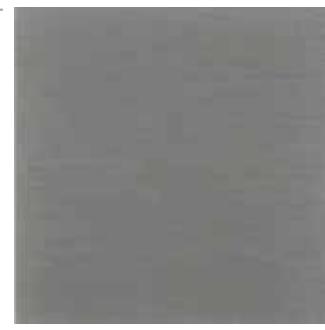
Lana Crema 25x40cm

Lana Pistaccio  
25x40cmLana Grigio  
25x40cm2540C140 25x40cm  
Lana Wind2540C087 25X40cm  
Bosco Pistaccio625L077P 6X25cm  
Allea Pistaccio725L087 7.5X25cm  
Bosco Pistaccio625L140 6x25cm  
Lana Soft625L077P 6X25cm  
Allea Grigio640L077P 6x40cm  
Allea Pistaccio740L087 7.5x40cm  
Bosco Pistaccio640L077P 6x40cm  
Allea Grigio

Lana Crema 33x33cm



Lana Pistaccio 33x33cm



Lana Grigio 33x33cm



# appia antica

20

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

25x40 33x33



**Appia Antica**  
25x40cm



**2540C150** 25x40cm  
**Bella**



**2540C151** 25x40cm  
**Muro**



**625L051B** 6X25cm  
**Appia Antica**



**625L150** 6x25cm  
**Bella**



**625L151** 6x25cm  
**Muro**



**825L037** 8X25cm  
**Beige Rustic**



**Appia Antica** 33x33cm

format  
25X40  
33X33

kom/pc  
16  
14

m<sup>2</sup>  
1,6  
1,5

kg  
20,3  
25,4

m<sup>2</sup>/pal  
76,8  
60,0

kg/pal  
991,0  
1033,0

<b>S</b>	sjajna pločica glossy tile	<b>WT</b> - wall tile / zidne pločice	<b>m<sup>2</sup></b>
<b>FT</b>	mat pločica matt tile	<b>FT</b> - floor tile / podne pločice	<b>m<sup>2</sup></b>
<b>LI</b>		<b>LI</b> - listela	<b>kom / piece</b>
		<b>IN</b> - insert	<b>kom / piece</b>

## **F**asadne pločice

Fasadni program Keramike Kanjiža razvijen je zahvaljujući digitalizaciji proizvodne tehnologije. Kompanija je uspešno razvila i uvela na domaće tržište keramičke pločice sa dizajnom i teksturama prirodnih i građevinskih materijala. Ove pločice su proizvedene tehnologijom podnih pločica, i samim tim zadovoljavaju visoke standarde kvaliteta kao što su minimalna moć upijanja vode i mrazootpornost, čineći ih idealnim materijalom za oblaganje spoljnih prostorija i fasada.

## **F**acade tiles

Facade program of Keramika Kanjiža was developed thanks to the digitization of production technology. The company has successfully developed and introduced to the domestic market ceramic tiles with designs and textures of natural and building materials. These tiles are manufactured with floor tiles technology, and thus satisfy the high quality standards such as minimum water absorption and resistance to frost, making them the ideal material for tiling of external spaces and facades.

**45 - 48**

# muretto

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

**21**

25x50

DIGITAL



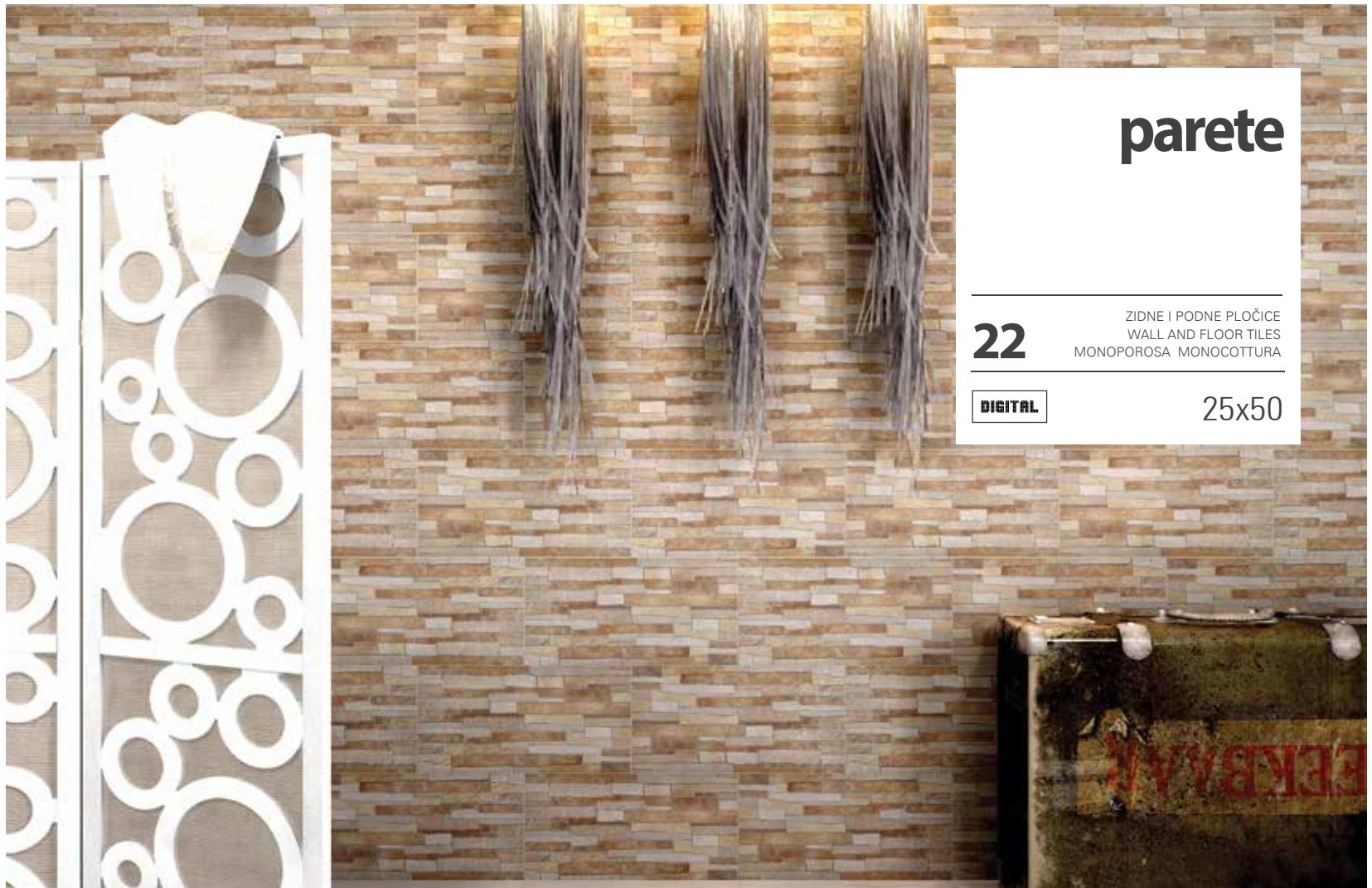
Muretto Marmo 25x50cm



Muretto Roccia 25x50cm

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
25X50	14	1,75	30,8	63,0	1126,0

S	sjajna pločica glossy tile	WT - wall tile / zidne pločice	m <sup>2</sup>
FT		FT - floor tile / podne pločice	m <sup>2</sup>
LI	mat pločica matt tile	LI - listela	kom / piece
IN		IN - insert	kom / piece



**parete**

**22**

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

DIGITAL

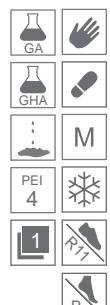
25x50



Parete Freddo 25x50cm



Parete Beige 25x50cm



Parete Caldo 25x50cm

S	sjajna pločica glossy tile	WT - wall tile / zidne pločice	m <sup>2</sup>
FT	mat pločica matt tile	FT - floor tile / podne pločice	m <sup>2</sup>
LI	listela	LI - listela	kom / piece
IN	insert	IN - insert	kom / piece

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
25X50	14	1,75	30,8	63,0	1126,0

# brick

ZIDNE I PODNE PLOČICE  
WALL AND FLOOR TILES  
MONOPOROSA MONOCOTTURA

**23**

25x50

DIGITAL



WT  
FT



[10]

White Brick

25x50cm

WT  
FT



[GHA]

Old Brick

25x50cm

WT  
FT



[GHA]

[PEI  
3]

Red Brick

25x50cm

format

kom/pc

m<sup>2</sup>

kg

m<sup>2</sup>/pal

kg/pal



25X50



14



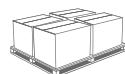
1,75



30,8



63,0



1126,0

S	sjajna pločica glossy tile
FT	wall tile / zidne pločice floor tile / podne pločice
LI	matt pločica listela
IN	insert

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece

# Podne pločice

Nove tendencije na svetskom tržištu pokazuju da su keramičke pločice zauzele vodeće mesto u građevinskoj industriji i dizajnu enterijera. Njihova primena se proširila na sve prostorije, pa je tako glavni svetski trend popločavanje dnevnih i spavačih soba, ali i terasa, balkona i hodnika. Zato je Keramika Kanjiža razvila podni program vrhunskog kvaliteta, koji svojim modernim dizajnom zadovoljava i najrazličitije ukuse.

# Floor tiles

New trends in the global market show that the ceramic tiles took over a leading position in the construction industry and interior design. Their use has spread to all the interior and exterior spaces, so the major global trend now is tiling bedrooms, living rooms, terraces, balconies and corridors. That is why Keramika Kanjiža has developed floor program of superior quality and modern design that satisfies most various tastes.

**49 - 64**

# feeling

PODNE PLOČICE  
FLOOR TILES  
MONOCOTTURA

**24**

25x50

DIGITAL



New Feeling Floor Taupe 25x50cm

PEI  
3



New Feeling Floor Beige 25x50cm



New Feeling Floor Noce 25x50cm



New Feeling Floor Oliva 25x50cm

PEI  
3

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
25X50	14	1,75	30,8	63,0	1126,0

sjajna pločica glossy tile  mat pločica matt tile	WT - wall tile / zidne pločice	m <sup>2</sup>
	FT - floor tile / podne pločice	m <sup>2</sup>
	LI - listela	kom / piece
	IN - insert	kom / piece

**ambiente**



**25**

PODNE PLOČICE  
FLOOR TILES  
MONOCOTTURA

DIGITAL

25x50



FT



**Ambiente Beige**

25X50cm

PEI  
4



**Ambiente Noce**



**Ambiente Bianco**

25X50cm

PEI  
3



<b>S</b>	sjajna pločica glossy tile
<b>M</b>	mat pločica matt tile

<b>WT</b> - wall tile / zidne pločice	<b>m<sup>2</sup></b>
<b>FT</b> - floor tile / podne pločice	<b>m<sup>2</sup></b>
<b>LI</b> - listela	<b>kom / piece</b>
<b>IN</b> - insert	<b>kom / piece</b>

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
25X50	14	1,75	30,8	63,0	1126,0

# domus

PODNE PLOČICE  
FLOOR TILES  
MONOCOTTURA

**26**

40x40

DIGITAL



FT



Domus White 40x40cm



FT



Domus Oak 40x40cm



ПРИЈАТЕЉ ЖИВОТНЕ СРЕДИНЕ  
ENVIRONMENTALLY FRIENDLY



format



kom/pc



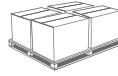
m<sup>2</sup>



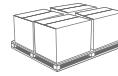
kg



m<sup>2</sup>/pal



kg/pal



S

sjajna pločica  
glossy tile

WT - wall tile / zidne pločice

m<sup>2</sup>

F

FT - floor tile / podne pločice

m<sup>2</sup>

L

LI - listela

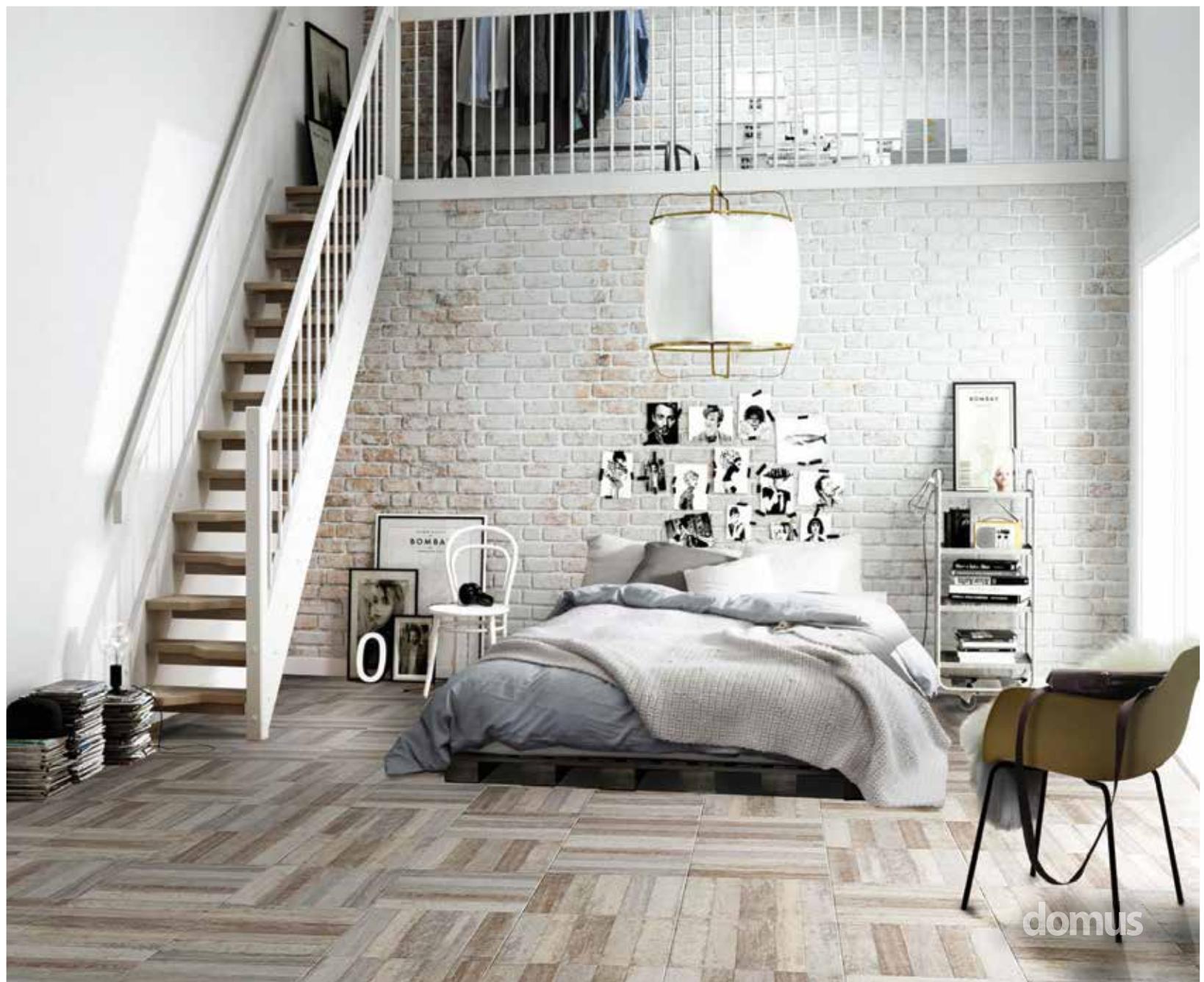
kom / piece

M

mat pločica  
matt tile

IN - insert

kom / piece



FT



Domus Rustico 40x40cm

FT



Domus Noce 40x40cm

FT



Domus Antico 40x40cm

<b>S</b>	sjajna pločica glossy tile
<b>M</b>	mat pločica matt tile

<b>WT</b> - wall tile / zidne pločice	<b>m<sup>2</sup></b>
<b>FT</b> - floor tile / podne pločice	<b>m<sup>2</sup></b>
<b>LI</b> - listela	<b>kom / piece</b>
<b>IN</b> - insert	<b>kom / piece</b>

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
40X40	10	1,6	28,3	70,4	1273,0

# pietra

PODNE PLOČICE  
FLOOR TILES  
MONOCOTTURA

40x40

**27**

DIGITAL



FT



Pietra Beige

40x40cm

FT



Pietra Lightgrey

40x40cm

FT



Pietra Grey

40x40cm

PEI  
3

format

kom/pc

m<sup>2</sup>

kg

m<sup>2</sup>/pal

kg/pal



40X40



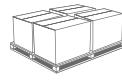
10



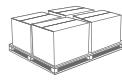
1,6



28,3



70,4



1273,0

S	sjajna pločica glossy tile
FT	podne pločice floor tile
LI	listela mat pločica
M	matt tile

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece

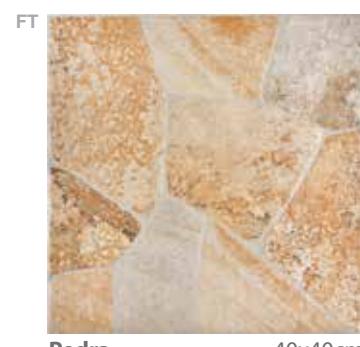
**pedra**

**28**

PODNE PLOČICE  
FLOOR TILES  
MONCOTTURA

DIGITAL

40x40



S	sjajna pločica glossy tile	WT - wall tile / zidne pločice	m <sup>2</sup>
F	mat pločica matt tile	FT - floor tile / podne pločice	m <sup>2</sup>
L		LI - listela	kom / piece
I		IN - insert	kom / piece

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
40X40	10	1,6	28,3	70,4	1273,0

# land

PODNE PLOČICE  
FLOOR TILES  
MONOCOTTURA

**29**

33x33

DIGITAL



FT



Land Grey

33x33cm

FT



Land Beige

33x33cm

format



kom/pc



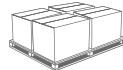
m<sup>2</sup>



kg



m<sup>2</sup>/pal



kg/pal



33X33

14

1,5

25,4

60,0

1033,0

S sjajna pločica  
glossy tile

M mat pločica  
matt tile

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece



**sahara**

**30**

PODNE PLOČICE  
FLOOR TILES  
MONOCOTTURA

DIGITAL

33x33



Sahara 33x33cm



<b>S</b>	sjajna pločica glossy tile	<b>WT</b> - wall tile / zidne pločice	<b>m<sup>2</sup></b>
<b>M</b>	mat pločica matt tile	<b>FT</b> - floor tile / podne pločice	<b>m<sup>2</sup></b>
		<b>LI</b> - listela	<b>kom / piece</b>
		<b>IN</b> - insert	<b>kom / piece</b>

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
33X33	14	1,5	25,4	60,0	1033,0

# cotto

PODNE PLOČICE  
FLOOR TILES  
MONOCOTTURA

**31**

33x33

DIGITAL



FT



Cotto

33x33cm

format



kom/pc



m<sup>2</sup>



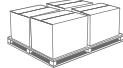
kg



m<sup>2</sup>/pal



kg/pal



33X33

14

1,5

25,4

60,0

1033,0

S	sjajna pločica glossy tile
WT	wall tile / zidne pločice
FT	floor tile / podne pločice
M	mat pločica matt tile
LI	listela
IN	insert

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece

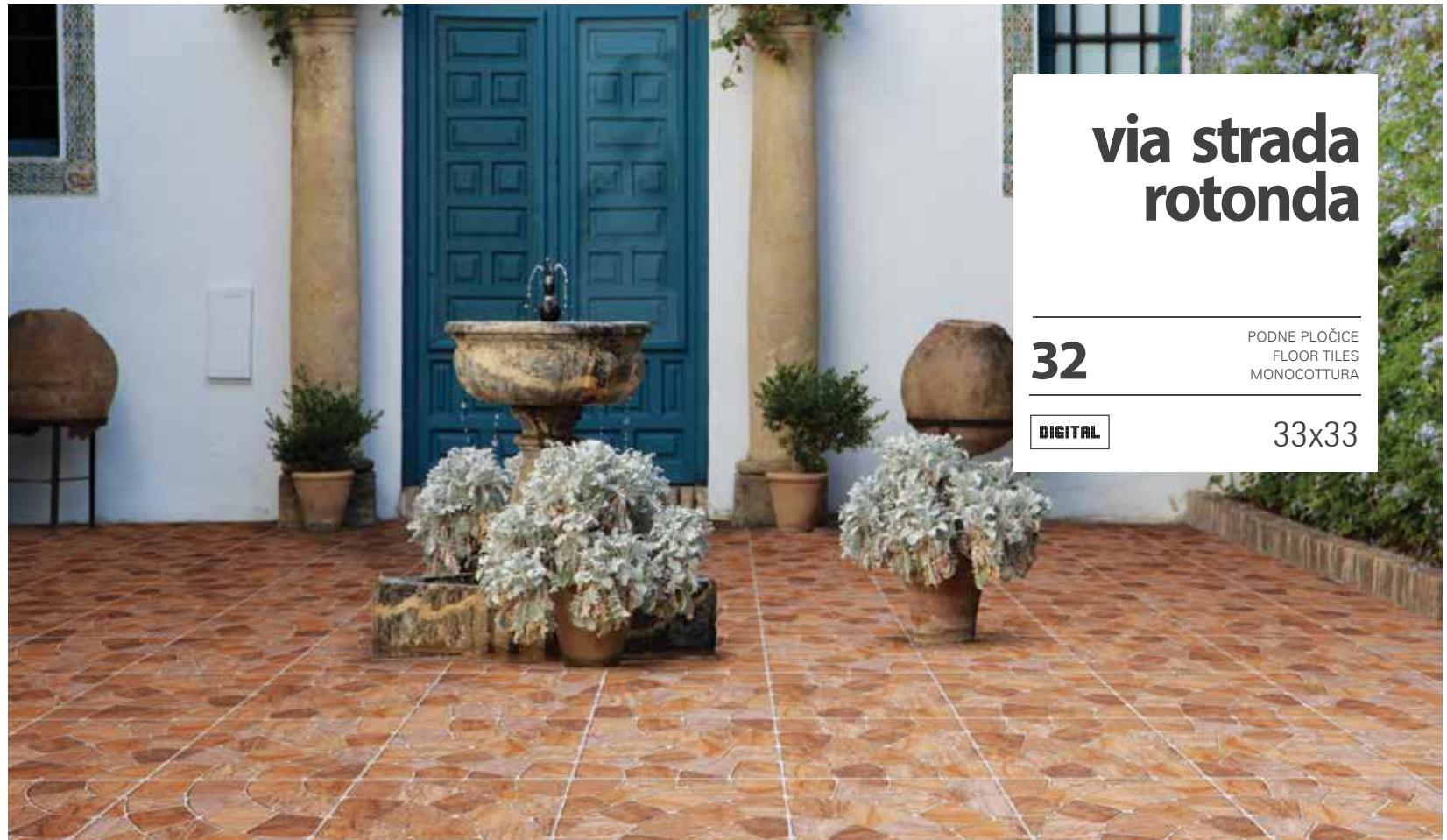
# via strada rotonda

**32**

PODNE PLOČICE  
FLOOR TILES  
MONOCOTTURA

DIGITAL

33x33



FT PEI 3



Via Strada Cotto 33x33cm

FT



Via Strada Grigio 33x33cm

FT



Via Strada Beige 33x33cm



FT PEI 3



Via Rotonda Cotto 33x33cm

FT



Via Rotonda Grigio 33x33cm

FT



Via Rotonda Beige 33x33cm

S	sjajna pločica glossy tile	WT - wall tile / zidne pločice	m <sup>2</sup>
F	mat pločica matt tile	FT - floor tile / podne pločice	m <sup>2</sup>
L	listela	LI - listela	kom / piece
I	insert	IN - insert	kom / piece

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
33x33	14	1,5	25,4	60,0	1033,0

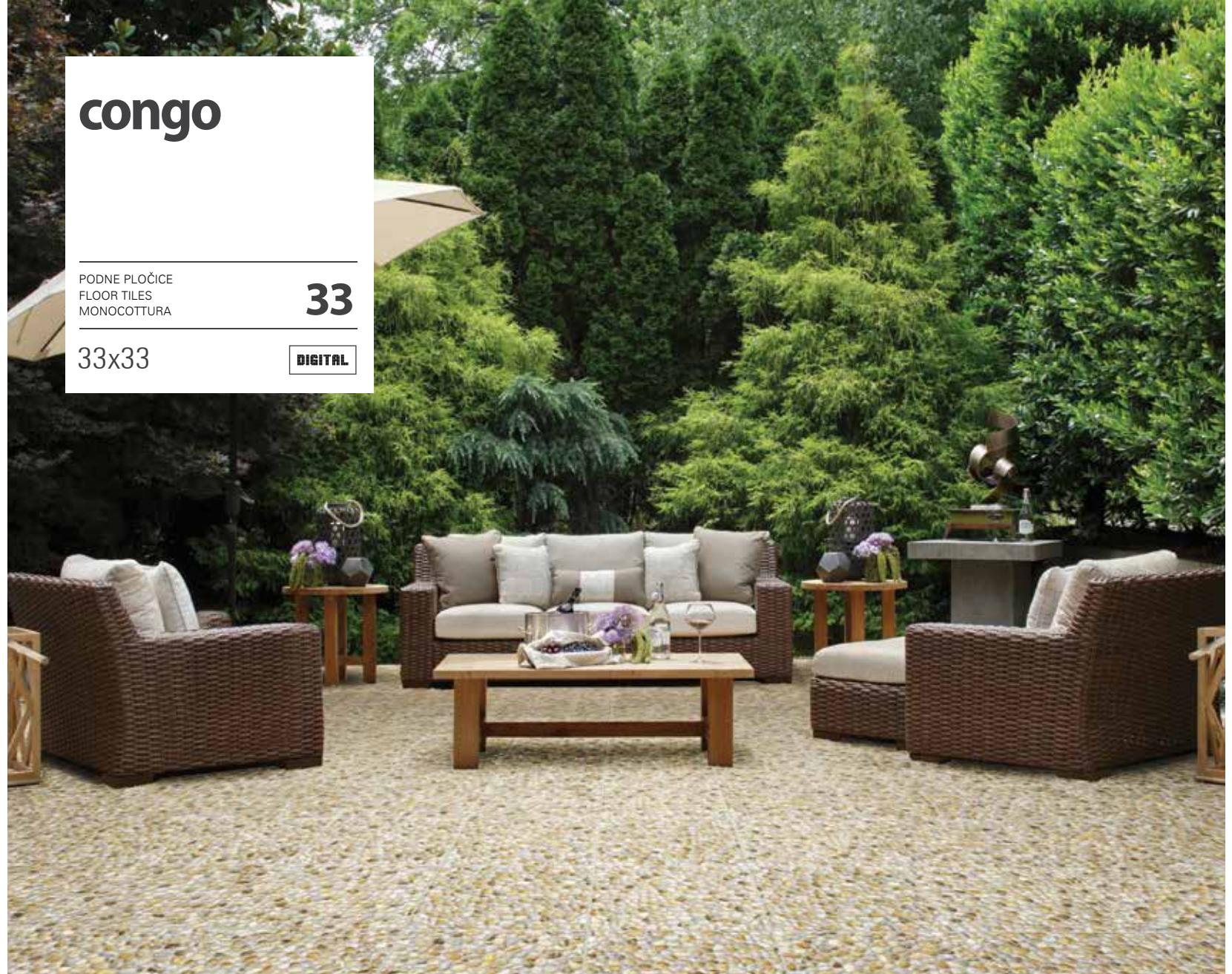
# congo

PODNE PLOČICE  
FLOOR TILES  
MONOCOTTURA

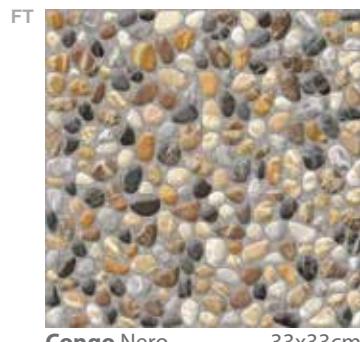
**33**

33x33

DIGITAL



Congo Marrone 33x33cm



Congo Nero 33x33cm

format



33X33

kom/pc



14

m<sup>2</sup>



1,5

kg



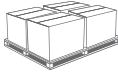
25,4

m<sup>2</sup>/pal



60,0

kg/pal



1033,0

S sjajna pločica  
glossy tile

M mat pločica  
matt tile

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece

**castello**

**34**

PODNE PLOČICE  
FLOOR TILES  
MONOCOTTURA

DIGITAL

33x33



**Castello**

33x33cm



**Castello Dorato**

33x33cm



S	sjajna pločica glossy tile	WT - wall tile / zidne pločice	m <sup>2</sup>
F	mat pločica matt tile	FT - floor tile / podne pločice	m <sup>2</sup>
L	listela	LI - listela	kom / piece
I	insert	IN - insert	kom / piece

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
33X33	14	1,5	25,4	60,0	1033,0

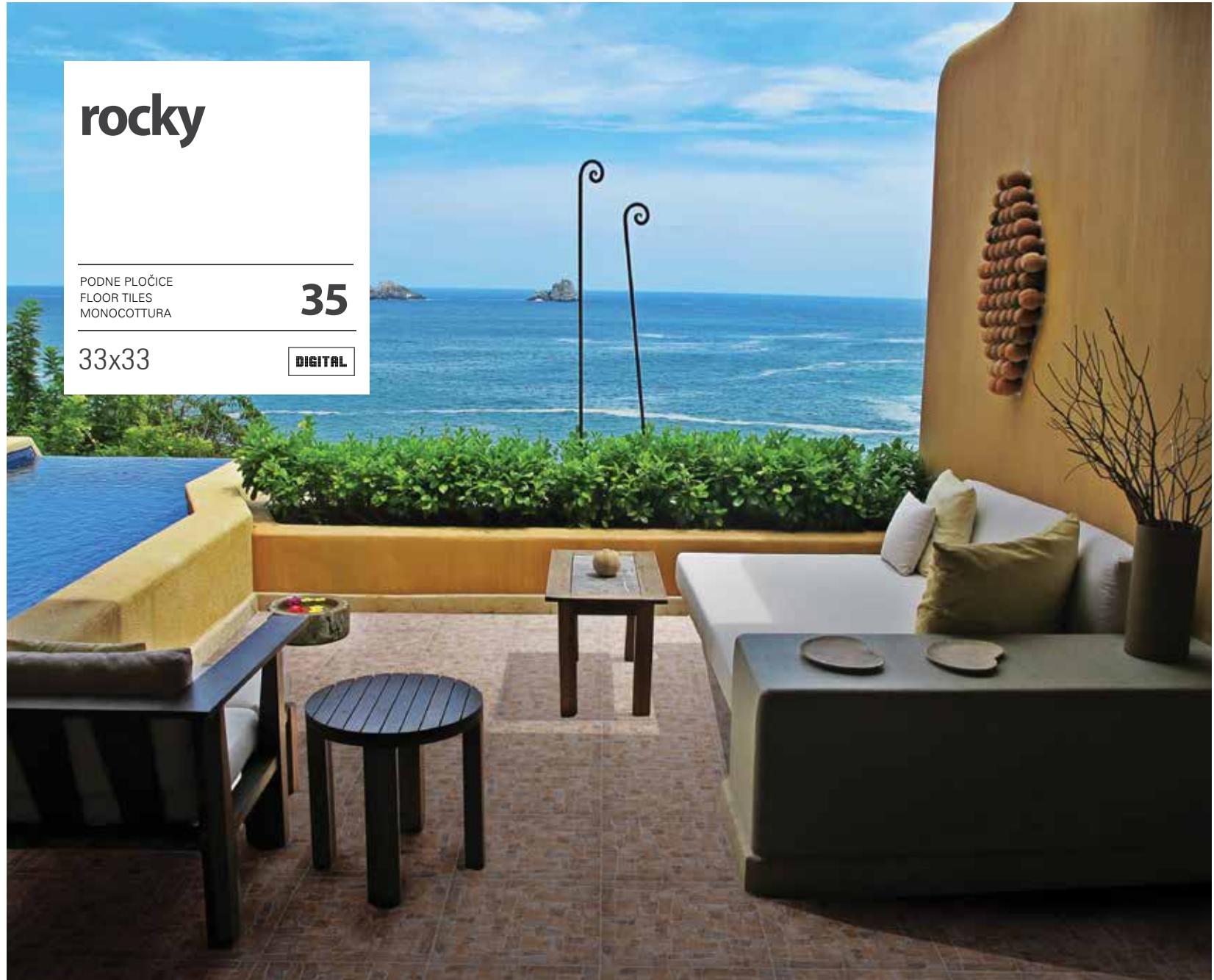
# rocky

PODNE PLOČICE  
FLOOR TILES  
MONOCOTTURA

**35**

33x33

DIGITAL



FT



Rocky Red

33x33cm

FT



Rocky Yellow

33x33cm

FT



Rocky Grey

33x33cm

format



kom/pc



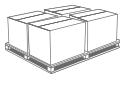
m<sup>2</sup>



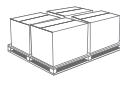
kg



m<sup>2</sup>/pal



kg/pal



33X33

14

1,5

25,4

60,0

1033,0

S	sjajna pločica glossy tile
WT	wall tile / zidne pločice
FT	floor tile / podne pločice
LI	listela
M	mat pločica matt tile
IN	insert

WT - wall tile / zidne pločice

m<sup>2</sup>

FT - floor tile / podne pločice

m<sup>2</sup>

LI - listela

kom / piece

IN - insert

kom / piece

**bologna**

**36**

PODNE PLOČICE  
FLOOR TILES  
MONCOTTURA

DIGITAL

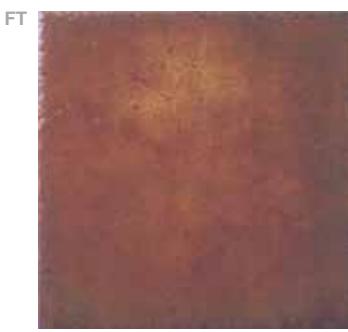
33x33



165330B101  
**Bordo - Bež**  
16.5x33cm



165165U101  
**Bordo - Bež**  
16.5x16.5cm



**Bologna** 33x33cm



S	sjajna pločica glossy tile	WT - wall tile / zidne pločice	m <sup>2</sup>
F	mat pločica matt tile	FT - floor tile / podne pločice	m <sup>2</sup>
L		LI - listela	kom / piece
I		IN - insert	kom / piece

format	kom/pc	m <sup>2</sup>	kg	m <sup>2</sup> /pal	kg/pal
33X33	14	1,5	25,4	60,0	1033,0

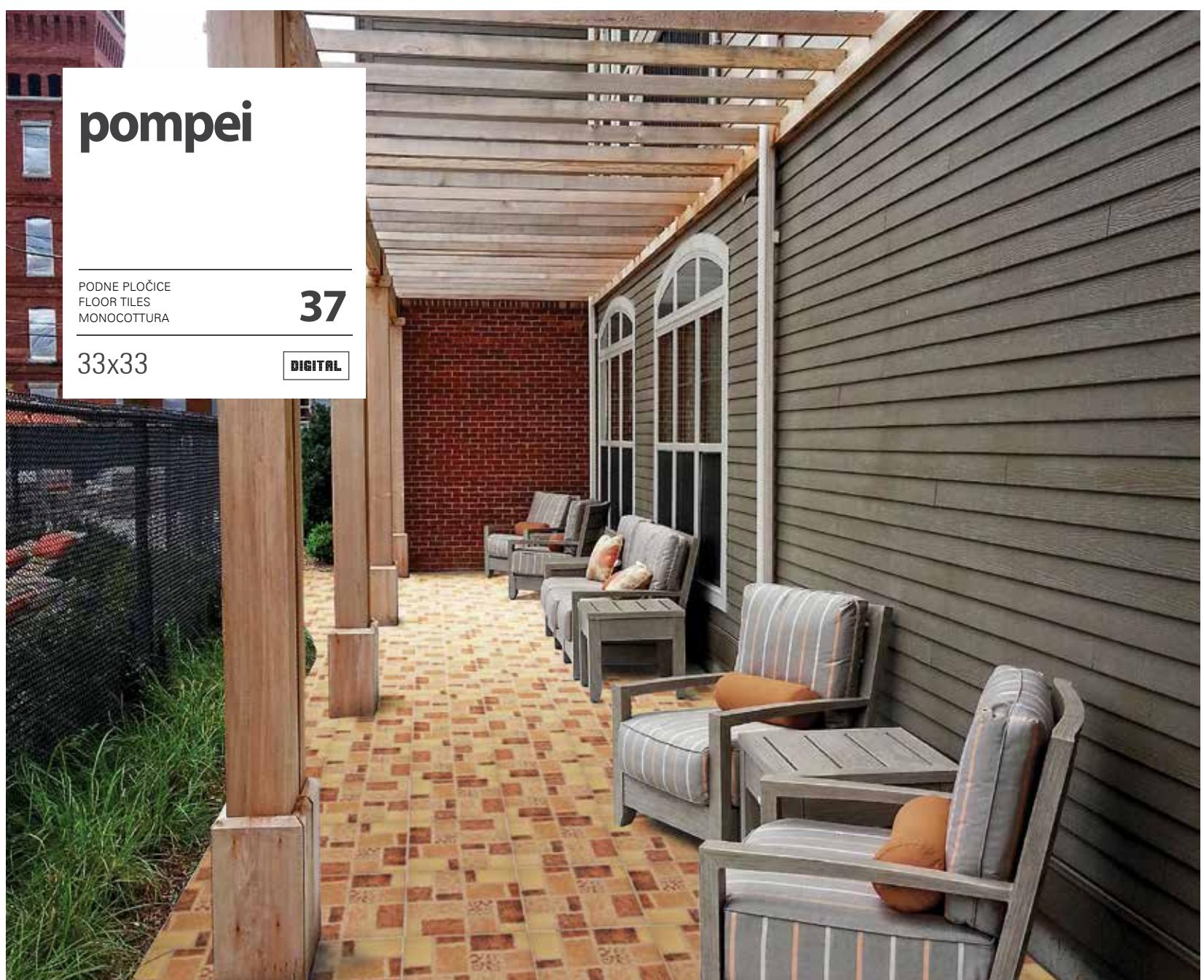
# pompei

PODNE PLOČICE  
FLOOR TILES  
MONOCOTTURA

**37**

33x33

DIGITAL



FT



Pompei

33x33cm

format



kom/pc



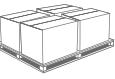
m<sup>2</sup>



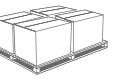
kg



m<sup>2</sup>/pal



kg/pal



33X33

14

1,5

25,4

60,0

1033,0

S	sjajna pločica glossy tile
FT	wall tile / zidne pločice
LI	floor tile / podne pločice
M	listela
IN	mat pločica matt tile
	WT - wall tile / zidne pločice
	m <sup>2</sup>
	FT - floor tile / podne pločice
	m <sup>2</sup>
	LI - listela
	kom / piece
	IN - insert
	kom / piece

## OBJAŠNJENJE SIMBOLA / SYMBOL EXPLANATION

	Zidne pločice Wall tiles
	Podne pločice Floor tiles
	Otpornost na niske temperature Low temperature resistance
	Otpornost na hemikalije u domaćinstvu Resistance to household chemicals
	Protiv kliznost površine (voda) Anti-slip (water)

	Otpornost na jake kiseline Resistance to strong acids
	Otpornost na habanje Resistance to abrasion
	Otpornost na mrlje Stain resistance
	Broj lica Number of faces
	Protiv kliznost površine (ulje) Anti - slip (oil)
	Mat površina Mat surface
	Sjajna površina Glossy surface
	Sečeni mozaik Cutted mosaic



## TEHNIČKE KARAKTERISTKE

„Keramika Kanjiža“ doo iz Kanjiže proizvodi suvo presovane, jednom pečene podne i zidne keramičke pločice (takozvanu monokoturu i monoporozu) kao i ukrasnu galeriju. Podne pločice su otporne na mraz, pogodne su za postavljanje spolja. Naše keramičke pločice u svim segmentima ispunjavaju zahteve harmonizovanog evropskog standarda SRPS EN 14411.

### STANDARDI

Od decembra 2005. godine primenjuje se standard SRPS EN 14411, objavljen uz dozvolu Evropskog komiteta za standardizaciju CEN. Ovaj standard je identičan međunarodnom standardu EN 14411 koji se obavezno primenjuje u svim članicama evropske unije. CE-znak je simbol usaglašenosti proizvoda, izrađenog u skladu sa harmonizovanim standardom koji ispunjava bitne zahteve direktive za gradevinske proizvode.

SRPS EN 14411 Keramičke pločice – Definicije, klasifikacija, karakteristike i obveležavanje – Definiše termine i utvrđuje klasifikacije, karakteristike i zahteve za obeležavanje keramičkih pločica najboljeg komercijalnog kvaliteta (prva klasa).

Prema standardu keramičke pločice se svrstavaju u grupe prema načinu proizvodnje i upijanju vode.

Podela prema načinu proizvodnje:

Grupa A vučene (ekstrudirane) keramičke pločice

Grupa B suvo presovane pločice

Podela prema upijanju vode:

Ia Upijanje vode manje od 0,5%

Ib Upijanje vode od 0,5 do 3%

IIa Upijanje vode od 3 do 6%

IIb Upijanje vode od 6 do 10%

III Upijanje vode preko 10%

Podela prema prirodi vidne površine:

Glazirane (GL)

Neglazirane (UGL)

Proizvodi "Keramika Kanjiža" dele se u sledeće grupe:

Podne pločice Grupa B Ib

Zidne pločice Grupa B III

U prilozima standarda SRPS EN 14411 od A do L, za svaku grupu proizvoda su dati minimalni tehnički zahtevi u pogledu mera i kvaliteta vidne površine kao i fizičkih i hemijskih svojstava.

Grupa B Ib Prilog H

Grupa B III Prilog K

Metode ispitivanja korišćene za određivanje karakteristika proizvoda su opisane u standardima SRPS ISO 10545.

SRPS ISO 10545-1 Uzimanje uzoraka i osnove za prihvatanje – Ovaj standard utvrđuje broj uzoraka koje treba proveriti iz partije i maksimalni broj dozvoljenih grešaka.

SRPS ISO 10545-2 Određivanje mera i kvaliteta vidne površine – Ovim standardom utvrđuje se metoda za određivanje mernih karakteristika (dužina, širina, debljina, pravost stranica, odstupanje od pravog ugla, ravnost površine) i kvalitet površine keramičkih pločica.

SRPS ISO 10545-3 Određivanje upijanja vode, prividne poroznosti, prividne relativne zapreminske mase i zapreminske mase – Ovim ispitivanjem se utvrđuje metoda za određivanje upijanja vode i prividne poroznosti keramičkih pločica.

SRPS ISO 10545-4 Određivanje modula loma pri savijanju i čvrstoće pri lomu – Utvrđuje metodu ispitivanja za određivanje čvrstoće pri lomu. Dobijeni podatak ukazuje na opterećenje koju pločica može podneti.

SRPS ISO 10545-7 Određivanje otpornosti glaziranih pločica prema površinskom habanju – PEI klasifikacija – Ocenjuje otpornost glazure prema površinskom habanju. Postupak se vrši rotiranjem sredstva za habanje i ocenjivanjem delovanja habanja, vizuelnim poređenjem pločica izloženih habanju i pločica koje nisu bile izložene habanju. Ocenjivanje proizvoda se vrši od 0 do 5, u zavisnosti od broja obrtaja rotirajućeg sredstva i pojave oštećenja (5 je najviša klasa otpornosti glaziranih pločica prema površinskom habanju).

PEI - klasifikacija glaziranih podnih pločica u odnosu na njihovu otpornost prema habanju

PEI 0 Glazirane pločice u ovoj klasi ne preporučuju se za korišćenje na podovima.

PEI 1 Prikladno za pokrivanje podnih površina u kojima se hoda isključivo u obući sa mekanim donovima ili bosonog, bez nečistoća koje grebu podnu površinu (na primer stambena kupatila i spavaće sobe bez direktnog pristupa spolju).

PEI 2 Prikladno za pokrivanje podnih površina u kojima se hoda u mekanoj ili običnoj obući sa uobičajeno malim količinama nečistoće koja grebe površinu (na primer sobe i prostori za dnevni boravak u kućama i stanovima sa izuzetkom kuhinja, ulaza i prostora u kojima je veliki promet).

PEI 3 Prikladno za pokrivanje podnih površina gde se često hoda u običnoj obući sa malo nečistoće koja grebe pod (na primer stambene kuhinje, holovi, hodnici, balkoni, terase). Ne odnosi se na izuzetnu obuću, na primer čizme okovane ekserima.

PEI 4 Prikladno za podove tamo gde se odvija uobičajen promet sa nešto više nečistoće koja grebe pod (na primer ulazi, javne kuhinje, hoteli, izložbeni i prodajni prostori).

PEI 5 Prikladno za podove sa stalnim velikim prohodnim opterećenjem i prisutnom prljavštinom koja grebe (na primer javne površine kao što su trgovački centri, ultrašnje aerodromske prostorije, hotelska predvorja i primena u industriji).

Ova klasifikacija važi za primenu pod uobičajenim uslovima.

Informacija o otpornosti podnih pločica prema habanju navedena je pored slike podnih pločica.

SRPS ISO 10545-8 Određivanje linearnog termičkog širenja – Određuje se koeficijent linearnog termičkog širenja za opseg od sobne temperature do 100 °C. Vrednost pokazuje u kojoj meri će se postavljena pločica širiti usled temperaturnih promena. Ovaj podatak treba da se uzme u obzir prilikom određivanja debljine fuge između pločica.

SRPS ISO 10545-9 Određivanje otpornosti prema temperaturnom šoku – Pločica se izlaže nagloj promeni temperature i nakon toga se proverava pojava oštećenja.

SRPS ISO 10545-10 Određivanje širenja vlaženjem – Ovim standardom se utvrđuje metoda za određivanje širenja keramičkih pločica vlaženjem. Podatak pomaže prilikom dimenzionisanja fuge između pločica.

SRPS ISO 10545-11 Određivanje otpornosti prema vlasavosti glaziranih pločica – Vrši se provera pojave pukotina na površini glazirane pločice nakon tretiranja sa parom na pritisku od 500 kPa i temperaturi od 159 °C, dva sata u autoklavu.

SRPS ISO 10545-12 Određivanje otpornosti prema mrazu – Po ovoj metodi pločice se izlažu smrzavanju i otapanju u temperaturnom opsegu od -5 °C do +5 °C, najmanje 100 ciklusa. Ovo ispitivanje simulira ponašanje proizvoda u spoljašnjim klimatskim uslovima.

SRPS ISO 10545-13 Određivanje otpornosti prema hemikalijama – Ovim ispitivanjem se utvrđuje otpornost pločica prema dejstvu hemikalija za domaćinstvo, soli u vodi bazena za plivanje, kiselina, baza i otpornost prema dejstvu olovke HB tvrdoće. U zavisnosti od vrste hemikalija i otpornosti pločice se dele u sledeće klase: Hemikalije za domaćinstvo i soli u vodi bazena za plivanje:

GA bez vidljivih efekata

GB male promene u izgledu ili ako pločice nisu prošle test olovke HB tvrdoće

GC značajne promene

Kiseline i baze (malih koncentracija)

GLA bez vidljivih efekata

GLB male promene u izgledu ili ako pločice nisu prošle test olovke HB tvrdoće

GLC značajne promene

Kiseline i baze (velikih koncentracija)

GHA bez vidljivih efekata

GHB male promene u izgledu ili ako pločice nisu prošle test olovke HB tvrdoće

GHC značajne promene

SRPS ISO 10545-14 Određivanje otpornosti prema stvaranju mrlja – Vidna površina pločice se dovodi u kontakt sa sredstvom za stvaranje mrlja, nakon odstranjivanja vrši se klasifikacija. Klasifikacija se vrši od 5 do 1 u zavisnosti od lakoće uklanjanja mrlje, pri čemu se kod klase 5 najlakše uklanja mrlja.

Za veće podne površine, industrijske i komercijalne namene poželjno je da je koeficijenat trenja viši od onih koji se koristi u kućama.

Nemački standard DIN 51130:2010-10 definiše postupak i služi za testiranje i klasificiranje anti kliznih svojstava podnih obloga koji su predviđeni za korišćenje u radnim prostorima i područjima gde je prisutna opasnost od klizanja. Prihvaćeni ugao se utvrđuje na podnoj oblozi premazanoj sa sredstvom za podmazivanje (ulje) a osoba koja sprovodi kontrolu sa kontrolnim cipelama kreće se napred - nazad po kontrolisanoj podnoj oblozi koja se počinje naginjati od horizontalnog stanja i nagib raste do prihvaćenog ugla tj. ugla pri kom kontrolor dostiže granicu sigurnog hodanja. Prihvaćeni ugao služi za ocenu stepena otpornosti na klizanje.

PRIHVAĆENI UGAO:	KLASA OTPORNOSTI NA KLIZANJE:	PREPORUČUJE SE:
6° do 10°	R 9	Ulazi u kuće dnevni boravak...
10° do 19°	R 10	Hodnici, prodavnice, radionice...
19° do 27°	R 11	Terase, balkoni...
27° do 35°	R 12	Stepeništa, gazišta u vrtu...
Preko 35°	R 13	Oblasti sa specijalnim zahtevima

#### DIN 51097:02.80 Utvrđivanje karakteristika za sprečavanje klizavosti

U uslovima vlažnosti, na gazištima podnih obloga koje se koriste u kupatilu, svačionicama, sanitarnim čvorovima i sličnim prostorijama, ocenjuju se karakteristike podnih obloga po ovom standardu.

Tokom izvođenja postupka kontinualno i jednolično se nanosi tečnost na test podnu oblogu koja se počinje naginjati od horizontalnog stanja i nagib raste do prihvaćenog ugla tj. ugla pri kom kontrolor dostiže granicu sigurnog hodanja. Osoba koja sprovodi kontrolu kreće se napred - nazad po kontrolisanoj podnoj oblozi bosih nogu. U zavisnosti od postignutog ugla nagiba test obloge se mogu svrstati u sledeće grupe:

SREDNJA VREDNOST NAGIBA UGLA:	KLASA OTPORNOSTI NA KLIZANJE:	PREPORUČUJE SE:
≥ 12°	A	Kupatila
≥ 18°	B	Svačionice, sanitarni čvor...
≥ 24°	C	Oblasti sa specijalnim zahtevima

Informacija o otpornosti podnih pločica prema klizanju navedena je pored slike podnih pločica, a odnosi se samo na one pločice koje zadovoljavaju klasu otpornosti na klizanje (na ulje ili vodu).

SRPS U.F2.011 Završni radovi u građevinarstvu – Izvođenje keramičarskih radova – Standard utvrđuje postupak za oblaganje zidova, podova keramičkim pločicama u unutrašnjosti objekta i spolja.

## PREPORUKE PRILIKOM UGRADNJE

- Pre ugradnje pločice treba potopiti u vodu radi boljeg prijanjanja za podlogu.
- Shodno standardu SRPS U.F2.011 pločice obavezno postaviti sa fugom. Minimalna fuga za zidne pločice je 3 mm, a za podne pločice je 4 mm.
- Podloga za postavljanje pločica treba da bude suva (ne sveže malterisana) i bez strukturnih pukotina.
- Prilikom kupovine pločica obavezno obratiti pažnju na oznaku kalibra i nijanse. U jednoj prostoriji postavljati isključivo pločice iste oznake kalibra i nijanse.
- Za pločice rustikalnog tipa karakteristična je razlika u nijansi. Pre postavljanja pločica preporučljivo je slaganje nekoliko m<sup>2</sup> kombinovanjem nijansi prema ukusu kupca.

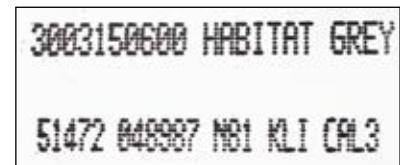
## IDENTIFIKACIJA PROIZVODA NA KUTIJAMA I NA PALETAMA

U procesu automatskog pakovanja keramičke pločice se pakuju u kartonsku ambalažu na koju industrijski štampač štampa osnovne podatke identifikacije proizvoda. U prvom redu štampa se: datum, identifikacioni broj klasera i ime proizvoda. U drugom redu štampa se: broj radnog naloga, **šifra proizvoda**, klasa proizvoda, nijansa proizvoda i kalibr odnosno dimenzija za podne pločice:

Svaka paleta gotovog proizvoda sadrži bar-cod, pomoću koga se pločice identifikuju.

**ZIDNE PLOČICE – MONOPOROZA**  
**SRPS EN 14411, grupa B III, prilog K**

Osobina	Metoda ispitivanja	Tolerancija	
		SRPS EN 14411	KK
Dužina i širina	SRPS ISO 10545-2	± 0,5 %	± 0,3 %
Debljina	SRPS ISO 10545-2	± 10,0 %	± 2,5 %
Odstupanje od pravog ugla	SRPS ISO 10545-2	± 0,5 %	± 0,3 %
Ravnost stranica	SRPS ISO 10545-2	± 0,3 %	± 0,2 %
Ravnost površine	SRPS ISO 10545-2	+ 0,5%/- 0,3 %	+ 0,25%/- 0,1 %
Upijanje vode	SRPS ISO 10545-3	> 10,00 %	> 14,00 %
Čvrstoća pri lomu	SRPS ISO 10545-4	> 600 N	> 600 N
Modul loma pri savijanju	SRPS ISO 10545-4	> 12 N/mm <sup>2</sup>	> 15 N/mm <sup>2</sup>
Otpornost prema habanju	SRPS ISO 10545-7		
Koefficijent linearног termičког širenja	SRPS ISO 10545-8	Postoji metoda ispitivanja	7 × 10 <sup>-6</sup> C <sup>0,1</sup>
Otpornost prema temperaturnom šoku	SRPS ISO 10545-9	Postoji metoda ispitivanja	Odgovara
Otpornost prema vlasavosti	SRPS ISO 10545-11	Zahteva se	Odgovara
Otpornost prema mrazu	SRPS ISO 10545-12		
Otpornost prema hemikalijama u domaćinstvu	SRPS ISO 10545-13	Najmanje GB	GA
Otpornost prema stvaranju mrlja	SRPS ISO 10545-14	Najmanja klasa 3	Klasa 5



**PODNE PLOČICE - MONOKOTURA**  
**SRPS EN 14411, grupa B Ib, prilog H**

Osobina	Metoda ispitivanja	Tolerancija	
		SRPS EN 14411	KK
Dužina i širina	SRPS ISO 10545-2	± 0,5 %	± 0,3 %
Debljina	SRPS ISO 10545-2	± 5,0 %	± 2,5 %
Odstupanje od pravog ugla	SRPS ISO 10545-2	± 0,5 %	± 0,3 %
Ravnost stranica	SRPS ISO 10545-2	± 0,5 %	± 0,2 %
Ravnost površine	SRPS ISO 10545-2	± 0,5 %	+ 0,2%/- 0,1 %
Kvalitet površine	SRPS ISO 10545-2		min 95% bez vidljivog oštećenja
Upijanje vode	SRPS ISO 10545-3	< 3,0 %	< 2,80 %
Čvrstoća pri lomu	SRPS ISO 10545-4	> 1100 N	> 1200 N
Modul loma pri savijanju	SRPS ISO 10545-4	≥ 30 N/mm <sup>2</sup>	> 40 N/mm <sup>2</sup>
Otpornost prema habanju	SRPS ISO 10545-7		klasa habanja se deklariše za svaki proizvod
Koefficijent linearног termičког širenja	SRPS ISO 10545-8	Postoji metoda ispitivanja	7 × 10 <sup>-6</sup> C <sup>0,1</sup>
Otpornost prema temperaturnom šoku	SRPS ISO 10545-9	Postoji metoda ispitivanja	Odgovara
Otpornost prema vlasavosti	SRPS ISO 10545-11	Zahteva se	Odgovara
Otpornost prema mrazu	SRPS ISO 10545-12	Zahteva se	Odgovara
Otpornost prema hemikalijama u domaćinstvu	SRPS ISO 10545-13	Najmanje GB	GA
Otpornost prema stvaranju mrlja	SRPS ISO 10545-14	Najmanja klasa 3	Klasa 5

## SPECIFIKACIJA PAKOVANJA PLOČICA I UKRASNE GALANTERIJE

### **PODNE PLOČICE GRUPE B Ib**

PAKOVANJE PODNIH PLOČICA	Redni broj	Format	Debljina pločica (mm)	Komada pločica u kutiji	m <sup>2</sup> /kut.	Masa kutije (kg)	Komada kut.na paleti	m <sup>2</sup> /pal.	Masa palete (kg)
	1	33 x 33	8,0	14	1,5	25,4	40	60,0	1033,0
	2	40 x 40	8,3	10	1,6	28,3	44	70,4	1273,0
<b>POD - ZID</b>	<b>3</b>	<b>25 x 50</b>	<b>8,3</b>	<b>14</b>	<b>1.75</b>	<b>30,8</b>	<b>36</b>	<b>63,0</b>	<b>1126,0</b>

### **ZIDNE PLOČICE GRUPE B III**

PAKOVANJE ZIDNIH PLOČICA	Redni broj	Format	Debljina pločica (mm)	Komada pločica u kutiji	m <sup>2</sup> /kut.	Masa kutije (kg)	Komada kut.na paleti	m <sup>2</sup> /pal.	Masa palete (kg)
	1	25 x 40	7,4	16	1,6	20,3	48	76,8	991,0
	2	25 x 50	9,2	13	1,62	26,0	36	58,32	956,0

### **UKRASNA GALANTERIJA**

PAKOVANJE CENTRALNIH DEKORA I MOZAIIKA	Redni broj	Format	Komada u kutiji	Masa kutije (kg)	Komada kutija na paleti	Masa palete (kg)
	1	2525M003	8	7,153	72	515,0
	2	2540C	14	17,750	45	800,0
	3	2550C	12	24,198	30	750,0
	4	5050	6	24,198	30	750,0

PAKOVANJE LISTELA	Redni broj	Format	Komada u kutiji	Masa kutije (kg)	Komada kutija na paleti	Masa palete (kg)
	1	325L	42	4,9	88	450,0
	2	325L	56	6,5	77	520,0
	3	425L	28	4,7	88	440,0
	4	525L	28	5,3	77	430,0
	5	540L	28	7,7	56	450,0
	6	625L	28	6,5	77	525,0
	7	640L	28	9,8	56	570,0
	8	725L	14	4,1	88	380,0
	9	740L	14	5,5	56	330,0
	10	825L	14	4,7	88	430,0
	11	450L	22	7,3	60	460,0
	12	550L	11	4,5	60	290,0
	13	650L	11	5,4	60	340,0
	14	750L	11	6,6	60	415,0
	15	850L	11	7,3	60	455,0

PAKOVANJE BORDURA I UGAONIH ELEMENTA	Redni broj	Format	Komada u kutiji	Masa kutije (kg)	Komada kutija na paleti	Masa palete (kg)
	1	165330B	14	13,2	70	945,0
	2	165165U	4	1,9	360	705,0

## **TECHNICAL CHARACTERISTICS**

„Keramika Kanjiža“ doo from Kanjiža produces dry pressed floor and wall ceramic tiles (so-called monocuttura and monoporosa), as well as decorative accessories. The floor tiles are frost resistant, suitable for installation outside. Our ceramic tiles, in all their segments, meet the requirements of the harmonized European standard SRPS EN 14411.

### **STANDARDS**

Since December 2005, the standard SRPS EN 14411 applies, published with the permission of the European Committee for Standardization CEN. This standard is an identical international standard EN 14411 which is compulsorily applied in all member states of the European Union. The CE-mark is a symbol of product conformity, developed in accordance with the harmonized standard that meets the important requirements of the Construction Products Directive.

SRPS EN 14411 Ceramic tiles – Definition, classification, characteristics and designation – Defines terms and determines classifications, characteristics and requirements for designation of ceramic tiles with the best commercial quality (first class).

According to the standard, the ceramic tiles are classified into groups according to the manner of production and water absorption.

Classification according to the manner of production:

Group A Extruded ceramic tiles

Group B Dry pressed tiles

Classification according to water absorption:

Ia Water absorption less than 0,5%

Ib Water absorption from 0,5 to 3%

IIa Water absorption from 3 to 6%

IIb Water absorption from 6 to 10%

III Water absorption more than 10%

Classification according to the nature of the visible surface:

Glazed (GL)

Unglazed (UGL)

The products of "Keramika Kanjiža" are divided into the following groups:

Floor tiles Group B Ib

Wall tiles Group B III

In the attachments for the standards SRPS EN 14411 for A to L, for each product group there are given minimal technical requirements in terms of dimensions and quality of visible surfaces, as well as physical and chemical properties.

Group B Ib Prilog H

Group B III Prilog K

Testing methods used for determination of the product characteristics are described in the standards SRPS ISO 10545.

SRPS ISO 10545-1 Sampling and basis for acceptance – This standard determines the number of samples that should be checked from the series and a maximal number of allowed mistakes.

SRPS ISO 10545-2 Determination of dimensions and quality of visible surface – This standard establishes a method for determining the measurement characteristics (length, width, thickness, flatness of sides, deviation for a right angle, and flatness of the surface) and quality of the surface of ceramic tiles.

SRPS ISO 10545-3 Determination of water absorption, apparent porosity, apparent relative density and bulk density – This testing establishes a method for determination of water absorption and apparent porosity of ceramic tiles.

SRPS ISO 10545-4 Determination of modulus of rupture and fracture strength – Establishes a testing method for determining the fracture strength. Obtained data indicate the load that the tile can bear.

SRPS ISO 10545-7 Determination of surface abrasion resistance of glazed tiles - PEI classification – The glaze resistance to surface abrasion is being determined. The procedure is performed by rotation of assets for abrasion and assessment of the abrasion effect, by visual comparison of tiles exposed to abrasion and tiles which were not exposed to abrasion. The product assessment is performed from 0 to 5, depending on the speed of rotation tools and occurrence of damages (5 is the highest class of resistance of glazed tiles according to the surface abrasion).

PEI – classification of glazed floor tiles in relation to their abrasion resistance

PEI 0 Glazed tiles in this class are not recommended for application on floors.

PEI 1 Appropriate for covering floor surfaces where people walk only in shoes with soft soles or barefoot, without dirt which scratches the floor surface (for example, residential bathrooms and bedrooms without direct access from outside).

PEI 2 Appropriate for covering floor surfaces where people walk in soft or plain shoes, usually with small quantities of dirt which scratches the surface (for example, rooms and living rooms in houses and apartments, with the exception of the kitchen, the doorway and crowded rooms).

PEI 3 Appropriate for covering floor surfaces where people often walk in plain shoes, with little dirt which scratches the floor (for example, residential kitchens, halls, corridors, balconies, terraces). This does not refer to exceptional footwear, for example – studded boots.

PEI 4 Appropriate for floors with normal movement of people with slightly more dirt which scratches the floor (for example entrances, public kitchens, hotels, exhibition and retail space).

PEI 5 Appropriate for floors with constant great natural load and presence of dirt which scratches (for example, public surfaces such as commercial centers, airport interior rooms, hotel lobbies and application in industry).

This classification is valid for application in usual conditions.

The information about abrasive resistance of floor tiles is indicated next to the figures of floor tiles.

SRPS ISO 10545-8 Determination of linear thermal expansion – The coefficient of linear thermal expansion is being determined for a range of room temperature up to 100 °C. The value indicates the extent to which the placed tile will expand due to temperature changes. This information should be taken into consideration during the determination of fugue thickness between the tiles.

SRPS ISO 10545-9 Determination of thermal shock resistance – The tiles are exposed to abrupt temperature changes and afterwards the occurrence of damages is being checked.

SRPS ISO 10545-10 Determination of moisture expansion – This standard establishes a method for determination of moisture expansion of ceramic tiles. The data help to determine the dimension between tiles.

SRPS ISO 10545-11 Determination of crazing resistance of glazed surfaces – Occurrence of cracks on the surface of glazed tiles is performed after treating them with compressed steam at a pressure of 500 kPa and temperature of 159 °C, for two hours in an autoclave.

SRPS ISO 10545-12 Determination of frost resistance – According to this method, the tiles are exposed to freezing and thawing within a temperature range from -5 °C to +5 °C, for at least 100 cycles. This testing simulates the product behavior in external climate conditions.

SRPS ISO 10545-13 Determination of resistance to chemicals – This testing determines the tiles' resistance to the effect of household chemicals, salts in the water of a swimming-pool, acid, base and resistance to the effect of a 'pencil with HB hardness'. Depending on the type of chemicals and resistance of tiles, they are divided in the following classes:

Household chemicals and salts in the water of a swimming-pool

GA with no visible effects

GB small changes in the appearance or if the tiles did not pass the testing with a 'pencil with HB hardness'

GC significant changes

Acids and bases (low concentrations)

GLA with no visible effects

GLB small changes in the appearance or if the tiles did not pass the testing with a 'pencil with HB hardness'

GLC significant changes

Acids and bases (high concentrations)

GHA with no visible effects

GHB small changes in the appearance or if the tiles did not pass the testing with a 'pencil with HB hardness'

GHC significant changes

SRPS ISO 10545-14 Determination of stain resistance – The visible surface of the tiles is exposed to contact with assets that create stains, and classification is performed after removal. The classification is performed from 5 to 1 depending on the ease of removing the stains, whereupon the stains are most easily removed at class 5.

#### **DIN 51130:2004-06 Determination of anti-slip properties for floor tiles**

For bigger floor surfaces, industrial and commercial purposes, it is desirable that the friction coefficient is higher than the one used in houses.

The German standard DIN 51130:2010-10 defines the procedure and serves for testing and classification of anti-slip properties of floor coverings which have been stipulated for use in working rooms and areas where danger of slipping exists. The accepted angle is determined on a floor coating with applied lubricated asset (oil) and the person who performs control with control shoes moves forward-backward on the floor coating which is being controlled and which starts to tilt from its horizontal state and the inclination increases up to an accepted angle, i.e. an angle when the controller reaches the boundary of safe walking. The accepted angle is used for assessment of the degree of slip resistance.

ACCEPTED ANGLE:	SLIP RESISTANCE CLASS:	RECOMMENDED IN:
6° do 10°	R 9	House entrances...
10° do 19°	R 10	Shops, workshops...
19° do 27°	R 11	Kitchens, laundry rooms...
27° do 35°	R 12	Great kitchens, dairies...
Over 35°	R 13	Areas with special requirements

#### DIN 51097:02.80 Determination of characteristics for prevention of slips

The characteristics of floor coatings according to this standard are assessed in conditions of moisture, on the treads of floor coverings which are used in bathrooms, changing rooms, toilets and similar rooms.

During the execution of the procedure, a liquid is continuously and uniformly applied for testing the floor covering which will start to tilt from its horizontal position and the inclination will grow up to an accepted angle, i.e. an angle when the controller reaches the boundary of safe walking. The person who performs control moves forward-backward on the floor coating which is being controlled, barefoot. Depending on the achieved inclination angle, the tested coverings could be classified in the following groups:

MEAN VALUE OF ANGLE:	SLIP RESISTANCE CLASS:	RECOMMENDED IN:
≥ 12°	A	Bathrooms...
≥ 18°	B	Changing rooms, toilet...
≥ 24°	C	Areas with special requirements

The information about slip resistance of floor tiles is indicated next to the figures of floor tiles. Refers only to tiles that meet the slip resistance class (oil or water). SRPS U.F2.011 Finishing works in structural engineering – Execution of ceramic works – The standard determines a procedure for wall and floor cladding with ceramic tiles inside of premises, as well as outside.

## RECOMMENDATIONS DURING INSTALLATION

- Before installing the tiles, they need to be immersed in water for better adhesion with the substrate.
- According to the standard SRPS U.F2.011, the tiles must compulsorily be placed with a fugue. The minimal fugue for wall tiles is 3 mm, and for floor tiles it is 4 mm.
- The substrate for placing the tiles should be dry (not freshly plastered) and without structural cracks.
- When buying the tiles, you must compulsorily pay attention to the designation of the caliber and the shade. Tiles with the same designations of caliber and shade should be put exceptionally in the same room.
- For a rustic type of tiles, the difference in the shade is a characteristic. Before placing the tiles, it is recommendable to match few m<sup>2</sup> by combining the shades according to the taste of the customer.

## IDENTIFICATION OF PRODUCTS ON BOXES AND ON PALLETS

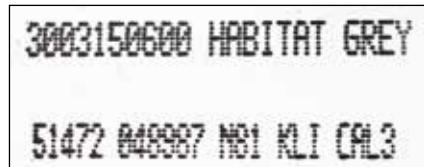
In the process of automatic packaging, the ceramic tiles are packed in a cardboard boxes in which the industrial printer prints the basic data for identifying the product.

The first printed line contains: date, identification number of the classifier and product name. The second printed line contains: number of work order, product code, product class, product shade and caliber, that is, dimension of the floor tiles:

Each pallet of finished product contains a barcode, which helps to identify the tiles.

**FLOOR TILES - MONOCOTTURA**  
SRPS EN 14411, group B Ib, appendix H

Technical characteristics	Norms	Required standards	
		SRPS EN 14411	KK
Length and width	SRPS ISO 10545-2	± 0,5 %	± 0,3 %
Thickness	SRPS ISO 10545-2	± 5,0 %	± 2,5 %
Rectangularity	SRPS ISO 10545-2	± 0,5 %	± 0,3 %
Straightness of sides	SRPS ISO 10545-2	± 0,5 %	± 0,2 %
Surface flatness	SRPS ISO 10545-2	± 0,5 %	+ 0,2 / - 0,1 %
Appearance	SRPS ISO 10545-2	min. 95% tiles with no visible defects	
Water absorption	SRPS ISO 10545-3	< 3,0 %	< 2,80 %
Breaking strength	SRPS ISO 10545-4	> 1100 N	> 1200 N
Modulus of rupture (bending strength)	SRPS ISO 10545-4	≥ 30 N/mm <sup>2</sup>	> 40 N/mm <sup>2</sup>
Wear resistance	SRPS ISO 10545-7	Class of wear resistance is declared for every product	
Coefficient of linear thermal expansion	SRPS ISO 10545-8	Testing method exists	7 × 10 <sup>-6</sup> C <sup>0,1</sup>
Resistance to thermal shock	SRPS ISO 10545-9	Testing method exists	Conforms
Frost resistance	SRPS ISO 10545-11	Required	Conforms
Crazing resistance	SRPS ISO 10545-12	Required	Conforms
Resistance to chemical products for domestic use	SRPS ISO 10545-13	Minimum GB	GA
Resistance to stains	SRPS ISO 10545-14	Minimum Class 3	Class 5



**WALL TILES – MONOPOROSA**  
SRPS EN 14411, group B III, appendix K

Technical characteristics	Norms	Required standards	
		SRPS EN 14411	KK
Length and width	SRPS ISO 10545-2	± 0,5 %	± 0,3 %
Thickness	SRPS ISO 10545-2	± 10,0 %	± 2,5 %
Rectangularity	SRPS ISO 10545-2	± 0,5 %	± 0,3 %
Straightness of sides	SRPS ISO 10545-2	± 0,3 %	± 0,2 %
Surface flatness	SRPS ISO 10545-2	+ 0,5 % / - 0,3 %	+ 0,25 % / - 0,1 %
Water absorption	SRPS ISO 10545-3	> 10,00 %	> 14,00 %
Breaking strength	SRPS ISO 10545-4	> 600 N	> 600 N
Modulus of rupture (bending strength)	SRPS ISO 10545-4	> 12 N/mm <sup>2</sup>	> 19 N/mm <sup>2</sup>
Wear resistance	SRPS ISO 10545-7		
Coefficient of linear thermal expansion	SRPS ISO 10545-8	Testing method exists	7 × 10 <sup>-6</sup> C <sup>0,1</sup>
Resistance to thermal shock	SRPS ISO 10545-9	Testing method exists	Conforms
Crazing resistance	SRPS ISO 10545-11	Required	Conforms
Frost resistance	SRPS ISO 10545-12		
Resistance to chemical products for domestic use	SRPS ISO 10545-13	Minimum GB	GA
Resistance to stains	SRPS ISO 10545-14	Minimum Class 3	Class 5

## CONDITIONS OF TILE AND DECOR PACKAGINGS

### Floor tiles Group B Ib

PACKAGING OF FLOOR TILES	No.	Format	Thickness of tile (mm)	Tile/box	m <sup>2</sup> /box	Weight of box (kg)	Box/pallet	m <sup>2</sup> /pal.	Weight of pallet (kg)
	1	33 x 33	8,0	14	1,5	25,4	40	60,0	1033,0
	2	40 x 40	8,3	10	1,6	28,3	44	70,4	1273,0
	3	25 x 50	8,3	14	1,75	30,8	36	63,0	1126,0

### Wall tiles Group B III

PACKAGING OF WALL TILES	No.	Format	Thickness of tile (mm)	Tile/box	m <sup>2</sup> /box	Weight of box (kg)	Box/pallet	m <sup>2</sup> /pal.	Weight of pallet (kg)
	1	25 x 40	7,4	16	1,6	20,3	48	76,8	991,0
	2	25 x 50	9,2	13	1,62	26,0	36	58,32	956,0

### CERAMIC DECORS

PACKAGING OF CENTRAL DECORS	No.	Format	Piece/box	Weight of box (kg)	Box/pallet	Weight of pallet (kg)
	1	2525M003	8	7,153	72	515,0
	2	2540C	14	17,750	45	800,0
	3	2550C	12	24,198	30	750,0
	4	2550	6	24,198	30	750,0

PACKAGING OF DECORS	No.	Format	Piece/box	Weight of box (kg)	Box/pallet	Weight of pallet (kg)
	1	325L	42	4,9	88	450,0
	2	325L	56	4,9	77	380,0
	3	425L	28	4,7	88	440,0
	4	525L	28	5,2	77	420,0
	5	540L	28	8,0	56	470,0
	6	625L	28	6,6	77	530,0
	7	640L	28	9,8	56	570,0
	8	725L	14	3,8	88	355,0
	9	740L	14	5,5	56	330,0
	10	825L	14	4,7	88	435,0
	11	450L	22	7,3	60	460,0
	12	550L	11	4,5	60	290,0
	13	650L	11	5,4	60	340,0
	14	750L	11	6,6	60	415,0
	15	850L	11	7,3	60	455,0

PACKAGING OF FLOOR DECORS	No.	Format	Piece/box	Weight of box (kg)	Box/pallet	Weight of pallet (kg)
	1	165330B	14	13,2	70	945,0
	2	165165U	4	1,9	360	705,0



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