



catalogue 2023



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catalog

KIE
GROUP
1989

From one pallet per day in 1989,
to 27 million sqm of annual production in 30 years

After graduation,
Mirosław Szymański
starts working
at a ceramics plant
in Opoczno

1976

1980

He becomes the chief
mechanic at **ZZPC**
Opoczno and later the
Technical Director

During the period of political
transformation in Poland,
together with his four
colleagues sets up **CERROL**,
a company manufacturing tiles
in double-firing technology

1989

1994

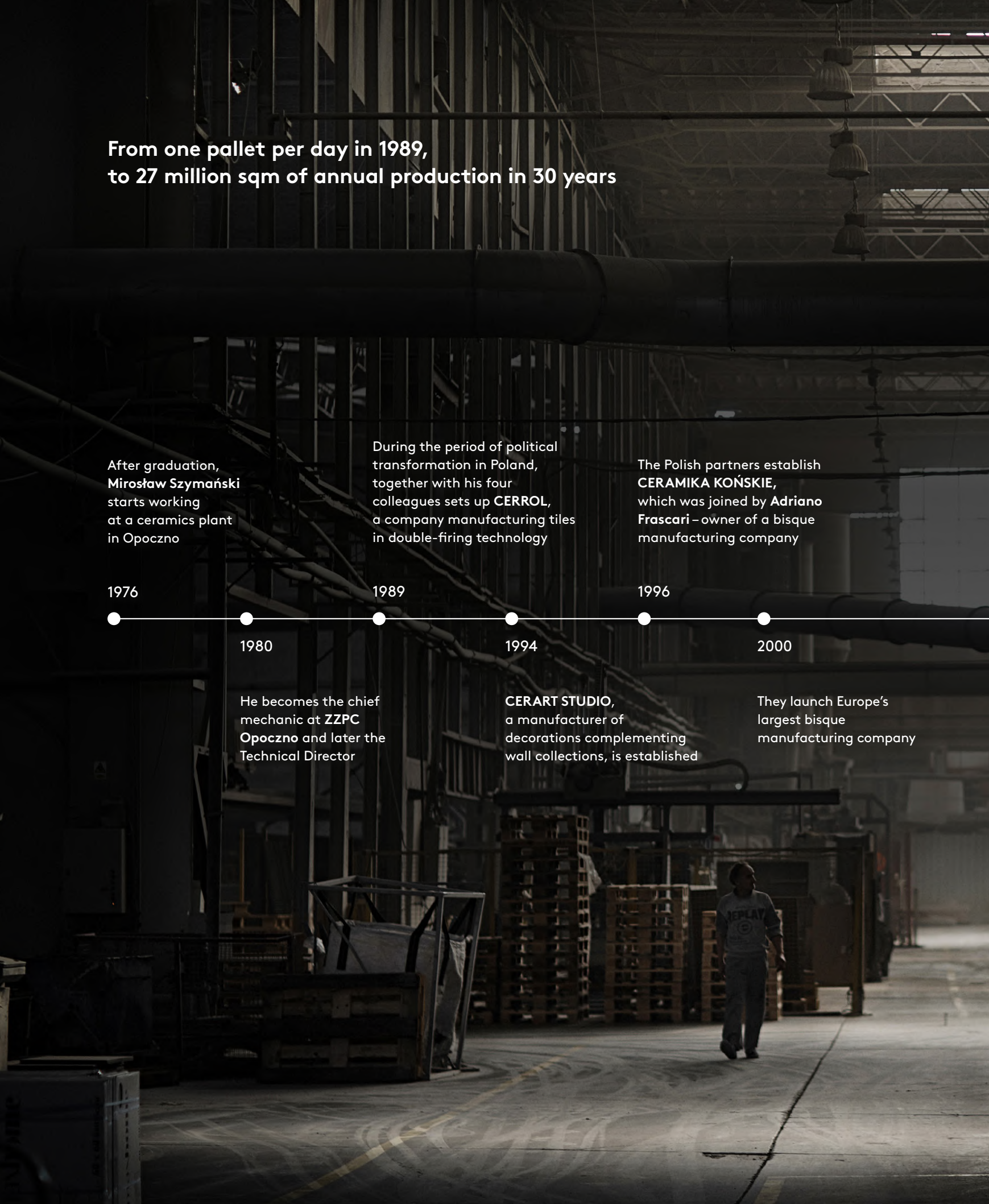
CERART STUDIO,
a manufacturer of
decorations complementing
wall collections, is established

The Polish partners establish
CERAMIKA KOŃSKIE,
which was joined by **Adriano**
Frascari – owner of a bisque
manufacturing company

1996

2000

They launch Europe's
largest bisque
manufacturing company



Mirosław Szymański receives the Badge of Honor for meritorious performance in the construction industry and is awarded the Silver Cross of Merit by the President of the Republic of Poland

2004

The Partners take over **CERAMIKA COLOR**. Total production of ceramic wall tiles reaches 6 million sqm per year

2008

STARGRES is the first in Poland and second in the world to introduce 3 cm thick tile – **STAR 3.0**

2019

STARGRES company is established, where production of gres tiles begin. Initially 33x33 cm format only

2005

STARGRES is the first manufacturer in Poland to start producing 2 cm thick gres tiles – **STAR 2.0**

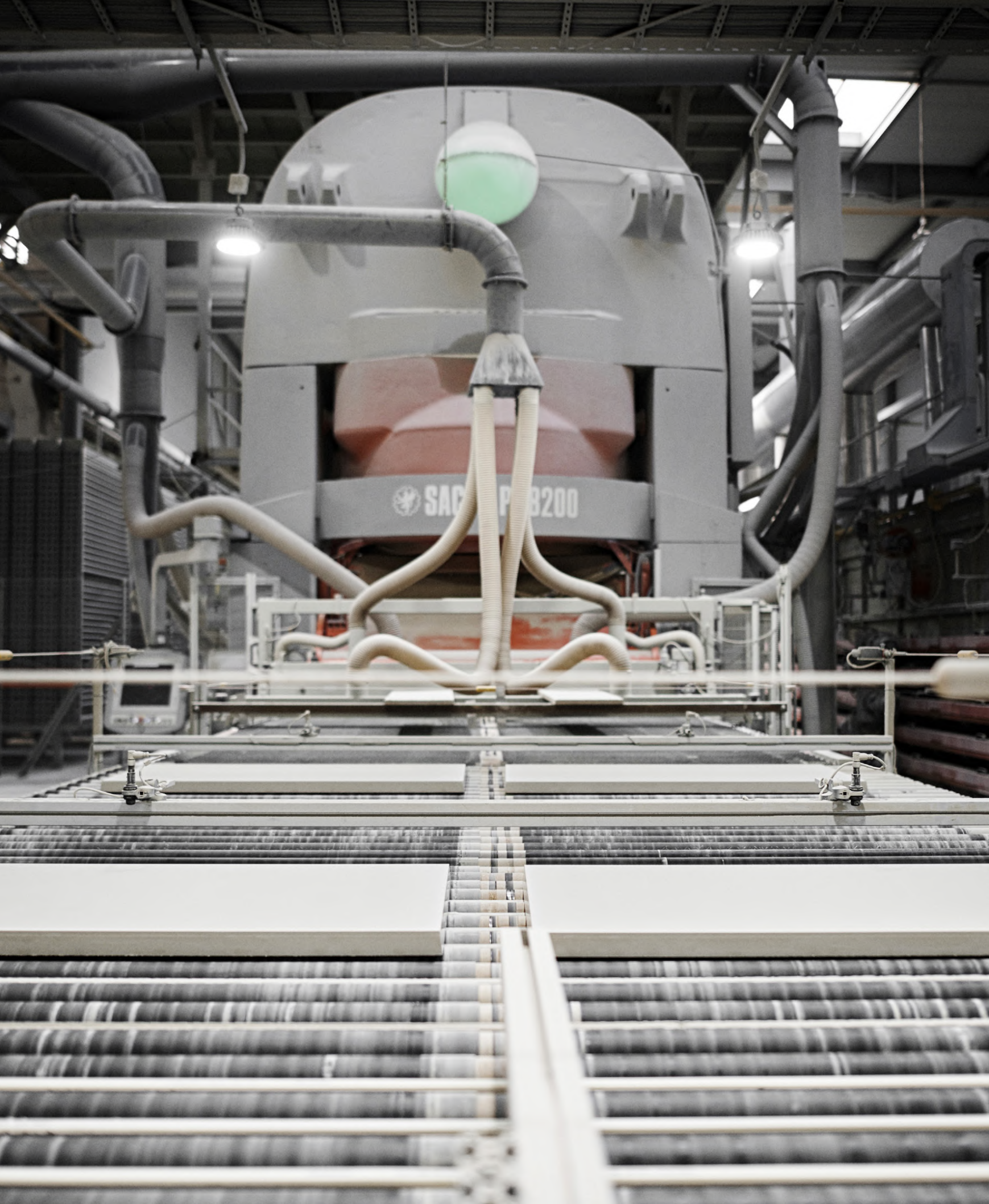
2014

Creation of a new **CERAMIKA BIANCA** brand

2020

KONSKIE
GROUP

since 1989



For more than 30 years, the Końskie Group has been growing and building its value on the ceramic tile market

As a group, we invest in technology, development and most importantly, in our employees. Końskie Group is a family-owned company, devoid of unhealthy rivalry. The design of our collections is the result of cooperation between the best European graphic studios and the experience of **Końskie Group** employees.

We are inspired by the beauty of nature, the richness of culture and the diversity of art and the resulting wide range of products allows one to design an infinite number of space arrangements in and around the house.

Dynamic development – modern production lines

The short decision-making path allowed us to open in 2019 another modern production line, which enables the production of **3 cm thick 90x90 cm gres tiles**, with a strength of over 3 tons of pressure.

Also, during the tough period the global economy was in, caused by, among other things, the COVID-19 pandemic, we managed to increase our capital, which enable the companies plan further dynamic development.

In April 2022, we launched two more 3 cm thick gres slab production lines. This gives us an increase of **1 million sqm** in annual production of terrace gres tiles.

StarGres & Charlotte Glaser



Thanks to business predictability, investments in technologies and people, **Końskie Group** has become the most effective producer of ceramic tiles in this part of Europe. In 2022 **Charlotte Glaser** - a kickboxing champion - became the face of our brand. A young sportswoman with an extraordinary personality who inspires others to act.

Our **Charly** is characterized by the desire for continuous improvement, persistence, passion and hard work. We are proud to support this strong woman whose values are also the values of our entire Group.



DREAM. PLAN. DO.

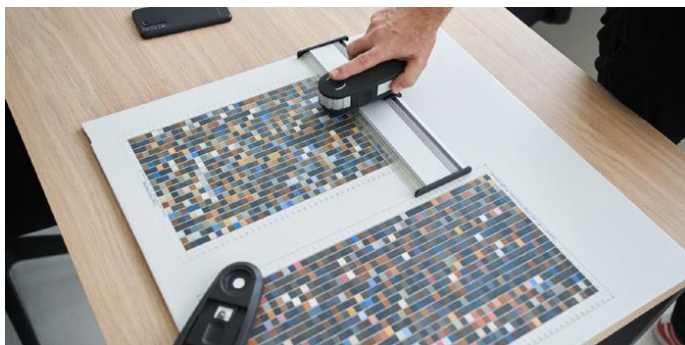
Charlotte Glaser

2019 German Champion in WKU in the class up to 57 kg
2020 European Champion in WKU in the class up to 60 kg
2021 European Champion in WKU in the class up to 57 kg
2022 World Champion in WKU in the class up to 57 kg



60% of sales are exports to 51 countries worldwide

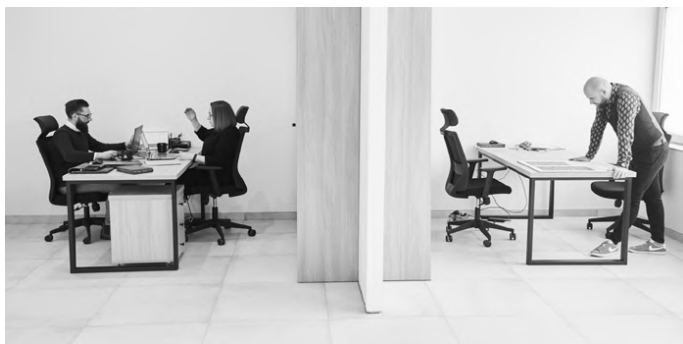
Our geographic location offers good communication and logistics. An uninterrupted supply chain has been helping us to seamlessly transport our product for years – in our 30 years of operation, **the Końskie Group** has managed to reach 51 countries across all continents.



Quality of our products confirmed by numerous certificates and attestations

The beautiful design is accompanied by excellent quality. We are aware that the customers' expectations are growing every year, which is why we are upgrading our machinery in accordance with certificates in line with European standards. In addition, we received a confirmation of a **Type III Environmental Declaration (EPD)**.

In 2021, at all plants belonging to the **Końskie Group**, we introduced Quality Management Systems for the production and sales of ceramic tiles in the form of **ISO 9001:2015**.



We owe the success of our company to all the people who make it up

We are far from corporate structures in our management. It is best evidenced by the low rate of employee turnover, thanks to which the **Końskie Group** has a permanent, well-trained staff. Good human resources management results in lower bureaucracy, quick decision-making and consequently, professional customer service.

Among many Polish companies, we are distinguished by a management style, whose philosophy is based on direct contact with the customer, supplier or intermediary. We are guided by one premise – our product is created with the human being in mind.





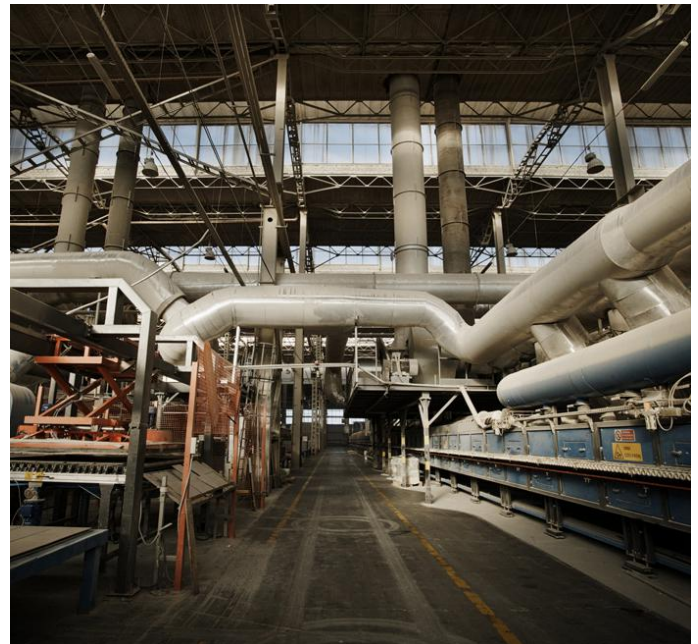
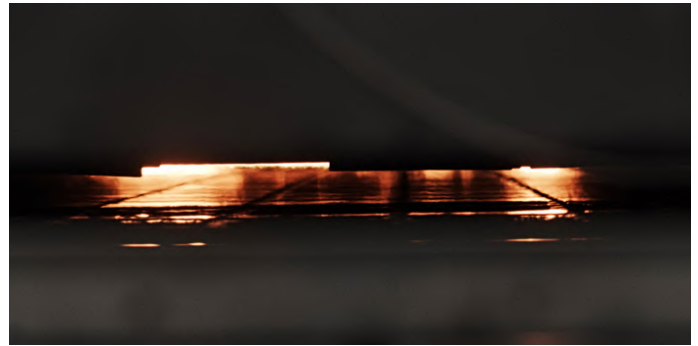


Ceramic tile production is closely related to nature, ecology and care for natural resources

For the sake of the environment, we shorten the supply chain of raw materials to production facilities as much as possible. With the use of modern production techniques available throughout the industrial process, we minimize air pollutants emission and reduce electricity consumption. We take care to minimize the use of water, energy and packaging. We are investing in solutions to reduce gas emission. The Group's nature conservation activities have been further confirmed by a **Type III Environmental Declaration (EPD)** developed under the guidelines set out in **PN-EN 15804** and verified by an independent auditor in accordance with **ISO 14025**.

The ecological quality of the cycle makes it possible to reduce the consumption of natural resources and reduce the harmful impact on the environment.

We assure you that we will continue our efforts to improve products, services and customer service.



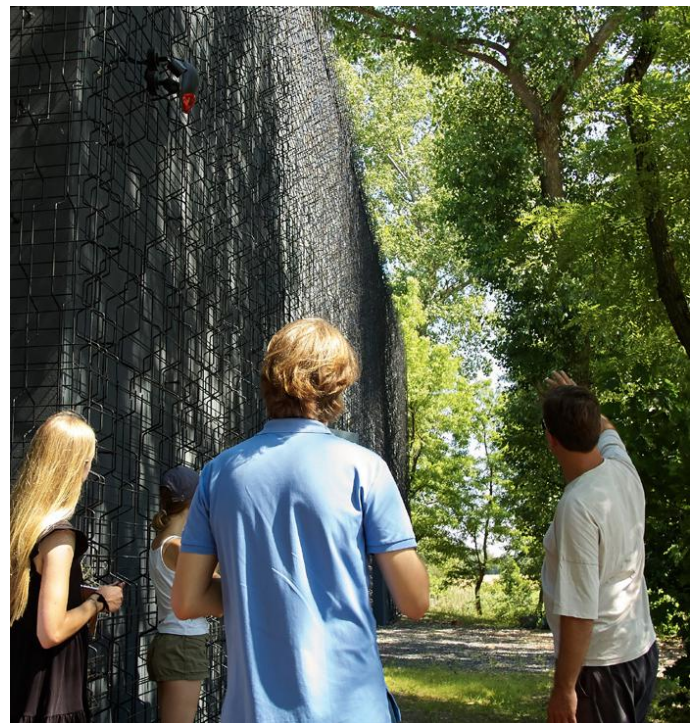


DesignNature & Końskie Group

W In the face of new environmental challenges, we recognize the need for changes in approach to the product. Being aware of our environmental footprint, we decided to become a **Design Summer School Season 2022 Partner**. Integrating technology with creativity opens pathways for us to look at our product differently.

DesignNature is a community based on shared values of holistic, sustainable design, respect for nature and an appetite for the good life – bringing people, organizations and businesses together to create unique creative synergies.

The creative campus, located in a beautiful natural setting, combines stimulating creative thinking with an advanced machinery park. It includes fully-equipped, comprehensive prototype facilities for conducting extensive interdisciplinary research and development processes.







Tomasz Rygalik



Gosia Rygalik



Franek Wardyński

Design Summer School 2022

Our vision is consistent with ecological and sustainable development and, above all, with care for natural resources. Surrounding ourselves with experts in their fields inspires us and supports our business.

Workshops led by **Tomek** and **Gosia Rygalik**, as well as **Lia Forslund** and **Frank Wardyński**, took participants through a process of conceptual and practical creative work in the soothing natural surroundings of the **DesignNature campus in Sobole**.

The point of inspiration was the production of ceramic tiles, which is at the heart of our business and is closely connected to nature. All four elements - earth, water, air and fire - are part of the production process, in which everything is interdependent, interrelated and interconnected. Therefore, each week of the workshop was dedicated to one of the elements.

2022 is the year of a new look at our business and the world around us. We are glad that we were given the opportunity to harness the potential of our industry to create new solutions related directly to ceramic tile.



Lia Forslund



CERAMIKA[®]
COLOR



home collection



- 20 abysynia
- 22 arena
- 24 dakota
- 26 denver
- 28 elisa
- 30 harmony
- 32 just white
- 34 living
- 36 luxor cream
- 38 luxor grey
- 40 onice
- 42 paris
- 44 portobello
- 46 riviera sand
- 48 salomea cream
- 50 snow glossy
- 52 white loft

25x75/10"x30" rectified

abisynia collection



abisynia soft grey 25x75/10"x30" rectified  
5902627433306



listwa super inox 4,5x75/1,8"x30"  
5907222081594



listwa super inox 2,5x75/1"x30"  
5907222081501



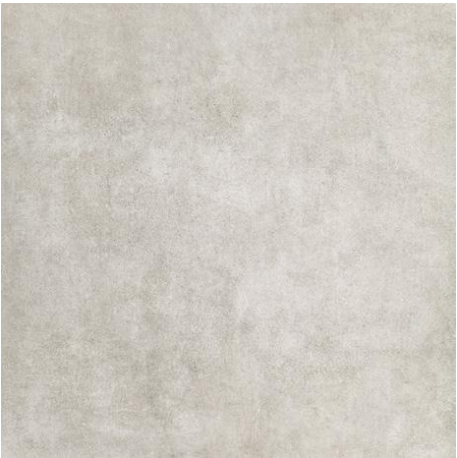
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abisynia grey 25x75/10"x30" rectified  
5902627433313



universal soft grey 60x60/24"x24" rect.    
5901503204917



universal grey 60x60/24"x24" rect.    
5901503208564

25x75/10"x30" rectified



abisynia soft grey 25x75/10"x30"
/rectified/

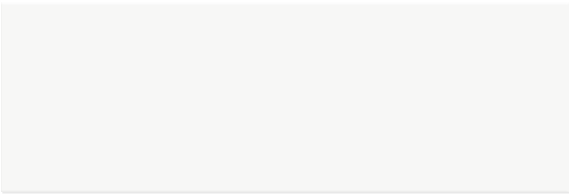
arena collection



arena cream 25x75/10"x30" rectified 5902627433467



arena cream hexagon 25x75/10"x30" rectified 5902627433474



java white 25x75/10"x30" rectified 5902627438813(CCR10)



listwa super inox 4,5x75/1,8"x30" 5907222081594



listwa C inox błyszcząca 1,5x75/0,6"x30" 5901549844412



hexagon white glossy 25x75/10"x30" rectified (CCR12)



universal cream 60x60/24"x24" rect. 5901503226032



wood essence natural 15,5x62/6"x24" 5907518306189

25x75/10"x30" rectified



arena 25x75/10"x30"
/rectified/

dakota collection



dakota light 25x75/10"x30" rectified  
5902627432132



dakota dark 25x75/10"x30" rectified  
5902627432149



listwa super inox 4,5x75/1,8"x30"  
5907222081594



listwa super inox 2,5x75/1"x30"  
5907222081501



listwa C inox błyszcząca 1,5x75/0,6"x30"  
5901549844412



dakota light premium 25x75/10"x30" rectified  
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dakota mix dekor 25x75/10"x30" rectified  
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universal soft grey 60x60/24"x24" rect.    
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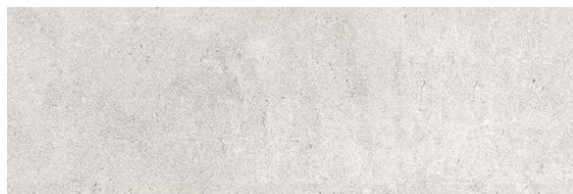
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25x75/10"x30" rectified

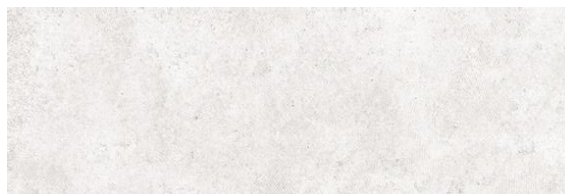


dakota 25x75/10"x30"
/rectified/

denver collection



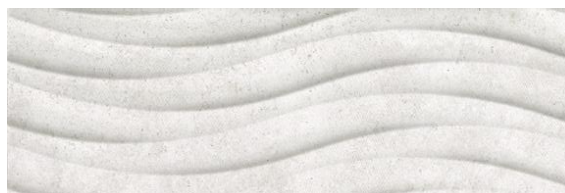
denver grey 25x75/10"x30" rectified
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denver soft grey 25x75/10"x30" rectified
5902627432453



denver onda grey 25x75/10"x30" rectified
5902627432491



denver onda soft grey 25x75/10"x30" rectified
5902627432460



denver relief grey 25x75/10"x30" rectified
5902627432484



wood relief caramel 25x75/10"x30" rectified
5902627432095



wood caramel 25x75/10"x30" rectified
5902627432071



listwa super inox 4,5x75/1,8"x30"
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listwa super inox 2,5x75/1"x30"
5907222081501



listwa C inox błyszcząca 1,5x75/0,6"x30"
5901549844412



universal soft grey 60x60/24"x24" rect. 
5901503204917

25x75/10"x30" rectified



denver 25x75/10"x30"
/rectified/

elisa collection



elisa soft grey 25x75/10"x30" rectified  
5903943501465



listwa super inox 4,5x75/1,8"x30"  
5907222081594



listwa super inox 2,5x75/1"x30"  
5907222081501



listwa C inox błyszcząca 1,5x75/0,6"x30"  
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elisa grey 25x75/10"x30" rectified  
5903943501489



wood essence natural 15,5x62/6"x24"    
5907518306189



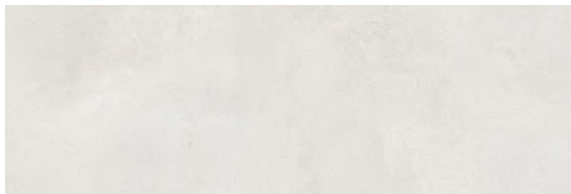
wood essence natural 15,5x62/6"x24"    
5901503209516

25x75/10"x30" rectified



elisa 25x75/10"x30"
/rectified/

harmony collection



harmony pearl 25x75/10"x30" rectified
5902627430176



harmony grey 25x75/10"x30" rectified
5902627430190



harmony pearl onda 25x75/10"x30" rectified
5902627430183



listwa super inox 4,5x75/1,8"x30"
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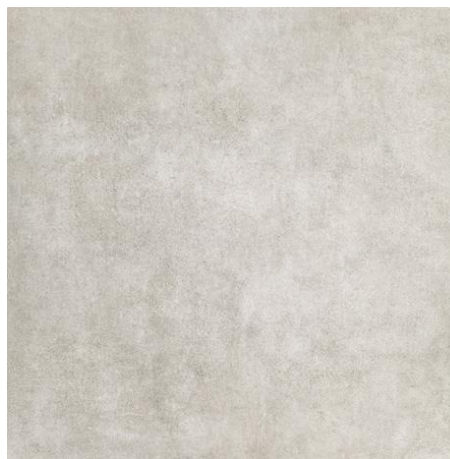
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listwa C inox błyszcząca 1,5x75/0,6"x30"
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universal soft grey 60x60/24"x24" rect. 
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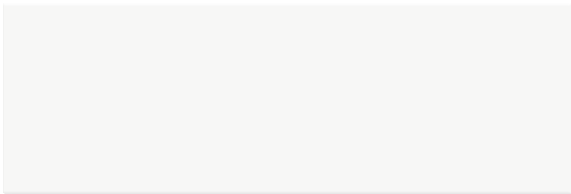
universal grey 60x60/24"x24" rect. 
5901503208564

25x75/10"x30" rectified



harmony 25x75/10"x30"
/rectified/

just white collection



java white 25x75/10"x30" rectified  
5902627438813 (CCR10)



wood essence 25x75/10"x30" rectified  
5902627433399



listwa super inox 4,5x75/1,8"x30"  
5907222081594



listwa super inox 2,5x75/1"x30"  
5907222081501



listwa C inox błyszcząca 1,5x75/0,6"x30"  
5901549844412



just white geo dekor 25x75/10"x30" rectified  
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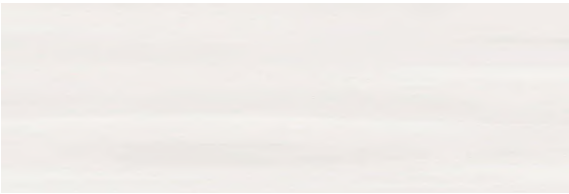
wood essence natural 15,5x62/6"x24"    
5907518306189

25x75/10"x30" rectified



just withe 25x75/10"x30"
/rectified/

living collection



living cream 25x75/10"x30" rectified  
5906340497775



listwa super inox 4,5x75/1,8"x30"  
5907222081594



listwa super inox 2,5x75/1"x30"  
5907222081501



listwa C inox błyszcząca 1,5x75/0,6"x30"  
5901549844412



living grey 25x75/10"x30" rectified  
5906340497782



universal cream 60x60/24"x24" rect.    
5901503226032



wood essence natural 15,5x62/6"x24"    
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wood essence natural 15,5x62/6"x24"    
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25x75/10"x30" rectified



living 25x75/10"x30"
/rectified/

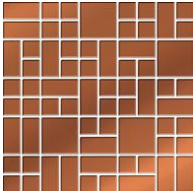
luxor cream collection



luxor cream 25x75/10"x30" rect. 5902627432002



luxor cream copper dekor 25x75/10"x30" rect. 5902706501742



copper glass mosaic 25x25/12"x12" 5905669631624



universal cream 60x60/24"x24" rect. 5901503226032



luxor onda cream 25x75/10"x30" rect. 5902627432439



wood relief caramel 25x75/10"x30" rectified 5902627432095



wood caramel 25x75/10"x30" rectified 5902627432071



listwa copper glass 1x75/0,4"x30" 5905669631594



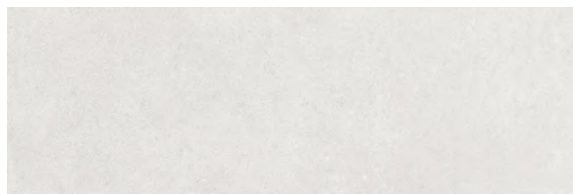
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25x75/10"x30" rectified



luxor cream 25x75/10"x30"
/rectified/

luxor grey collection



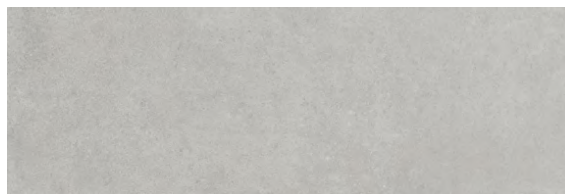
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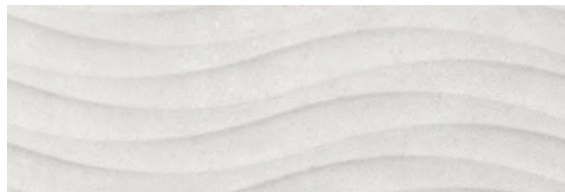
dekor luxor patchwork A 25x75/10"x30" rect. 5902706501711  



dekor luxor patchwork B 25x75/10"x30" rect. 5902706501728  



luxor grey 25x75/10"x30" rect. 5902627431982  



luxor onda white 25x75/10"x30" rect. 5902627431999  



listwa super inox 4,5x75/1,8"x30" 5907222081594  



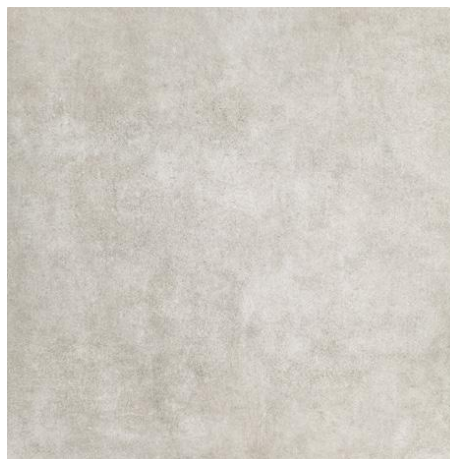
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universal soft grey 60x60/24"x24" rect.     5901503204917



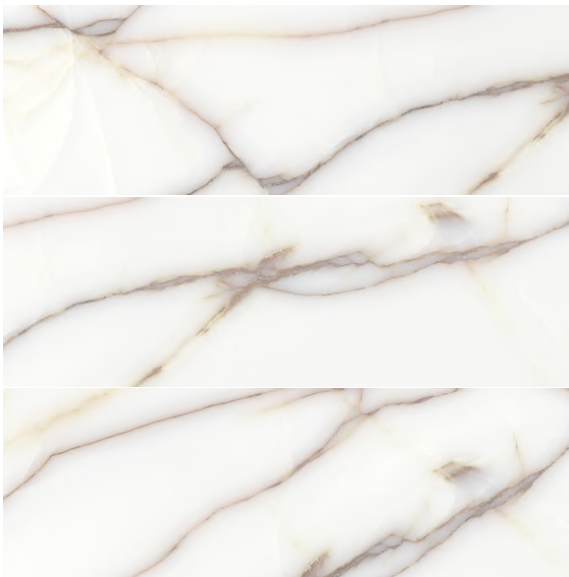
universal grey 60x60/24"x24" rect.     5901503208564

25x75/10"x30" rectified



luxor grey 25x75/10"x30"
/rectified/

onice collection



onice 25x75/10"x30" rectified  
5909000554535



listwa super inox 4,5x75/1,8"x30"  
5907222081594



listwa super inox 2,5x75/1"x30"  
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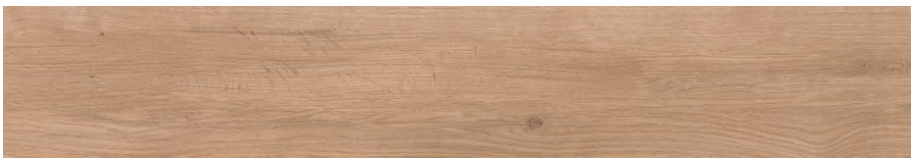
onice onda 25x75/10"x30" rectified  
5909000554559



wood essence 25x75/10"x30" rectified  
5902627433399



wood essence honey 15,5x62/6"x24"    
5907518306141



wood essence honey 15,5x62/6"x24"    
5901503209523

25x75/10"x30" rectified



onice 25x75/10"x30"
/rectified/

paris collection



paris soft grey 25x75/10"x30" rectified
5902627432989



paris grey 25x75/10"x30" rectified
5902627432972



paris dekor patchwork 25x75/10"x30" rectified
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listwa super inox 4,5x75/1,8"x30"
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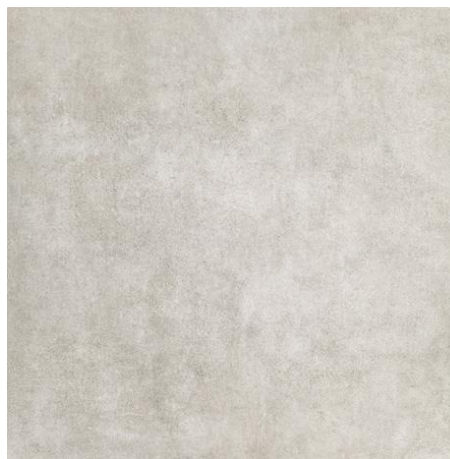
listwa super inox 2,5x75/1"x30"
5907222081501



listwa C inox błyszcząca 1,5x75/0,6"x30"
5901549844412



universal soft grey 60x60/24"x24" rect.    
5901503204917



universal grey 60x60/24"x24" rect.    
5901503208564

25x75/10"x30" rectified



paris 25x75/10"x30"
/rectified/

portobello collection



portobello soft grey 25x75/10"x30" rectified 5902627433009



portobello soft grey dekor 25x75/10"x30" rectified 5903978235021



listwa super inox 4,5x75/1,8"x30" 5907222081594



listwa super inox 2,5x75/1"x30" 5907222081501



listwa C inox błyszcząca 1,5x75/0,6"x30" 5901549844412



portobello grey 25x75/10"x30" rectified 5902627433023



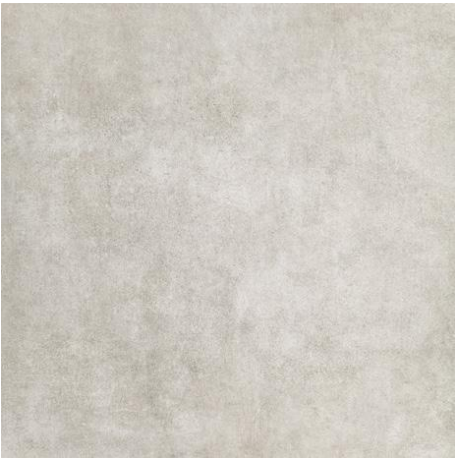
portobello grey dekor 25x75/10"x30" rectified 5903978235038



wood essence 25x75/10"x30" rectified 5902627433399



universal soft grey 60x60/24"x24" rect. 5901503204917



universal grey 60x60/24"x24" rect. 5901503208564

25x75/10"x30" rectified



portobello 25x75/10"x30"
/rectified/

riviera sand collection



riviera sand 25x75/10"x30" rectified  
5902627438073



listwa super inox 4,5x75/1,8"x30"  
5907222081594



listwa super inox 2,5x75/1"x30"  
5907222081501



listwa C inox błyszcząca 1,5x75/0,6"x30"  
5901549844412



riviera sand onda 25x75/10"x30" rectified  
5902627438097



wood essence 25x75/10"x30" rectified  
5902627433399



wood essence natural 15,5x62/6"x24"    
5907518306189



wood essence natural 15,5x62/6"x24"    
5901503209516

25x75/10"x30" rectified



riviera sand 25x75/10"x30"
/rectified/

salomea cream collection



salomea cream 25x75/10"x30" rectified  
5902627433337



salomea cream onda 25x75/10"x30" rectified  
5902627432682



listwa super inox 4,5x75/1,8"x30"  
5907222081594



listwa super inox 2,5x75/1"x30"  
5907222081501



listwa C inox błyszcząca 1,5x75/0,6"x30"  
5901549844412



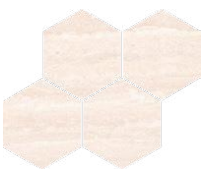
listwa copper glass 1x75/0,4"x30"  
5905669631594



salomea beige 25x75/10"x30" rectified  
5902627433351



salomea cream geo dekor 25x75/10"x30" rectified  
5902706502008



salomea cream mozaika   
21x26/8,3"x10,2"
5903240004485



universal cream 60x60/24"x24" rect.    
5901503226032



wood essence natural 15,5x62/6"x24"    
5907518306189



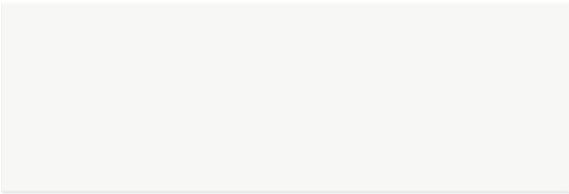
wood essence natural 15,5x62/6"x24"    
5901503209516

25x75/10"x30" rectified



salomea cream 25x75/10"x30"
/rectified/

snow glossy collection



snow glossy 25x75/10"x30" rectified  
5902627438813 (CCR10)



java onda white 25x75/10"x30" rectified  
5903943501021 (CCR31)



listwa super inox 4,5x75/1,8"x30"  
5907222081594



listwa super inox 2,5x75/1"x30"  
5907222081501



listwa C inox błyszcząca 1,5x75/0,6"x30"  
5901549844412



universal soft grey 60x60/24"x24" rect.    
5901503204917



dekor gloss tropic a 25x75/10"x30" rectified  
5902706501698



dekor gloss tropic b 25x75/10"x30" rectified  
5902706501704



wood relief caramel 25x75/10"x30" rectified  
5902627432095



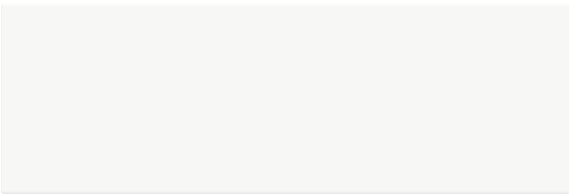
wood caramel 25x75/10"x30" rectified  
5902627432071

25x75/10"x30" rectified



snow glossy 25x75/10"x30"
/rectified/

white loft collection



white loft 25x75/10"x30" rectified  
5903943501397 (CCR38)



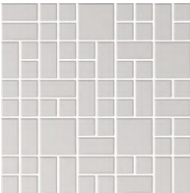
listwa super inox 4,5x75/1,8"x30"  
5907222081594



listwa super inox 2,5x75/1"x30"  
5907222081501



listwa C inox błyszcząca 1,5x75/0,6"x30"  
5901549844412



platinum glass mosaic   
25x25/10"x10"
5905669631617



white onda mat 25x75/10"x30" rectified  
5903943500864 (CCR29)



wood essence ivory 15,5x62/6"x24"    
5907518306165

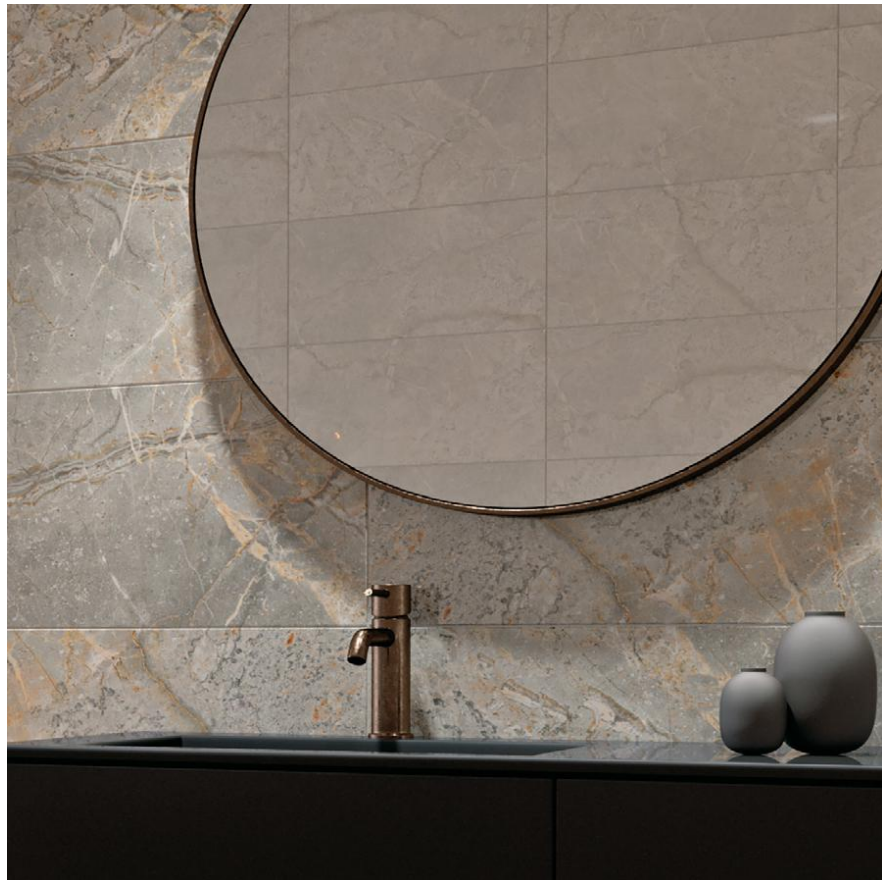
25x75/10"x30" rectified



white loft 25x75/10"x30"
/rectified/



home collection



56 brera
58 intense
60 moris

30x60/12"x24" rectified

brera collection



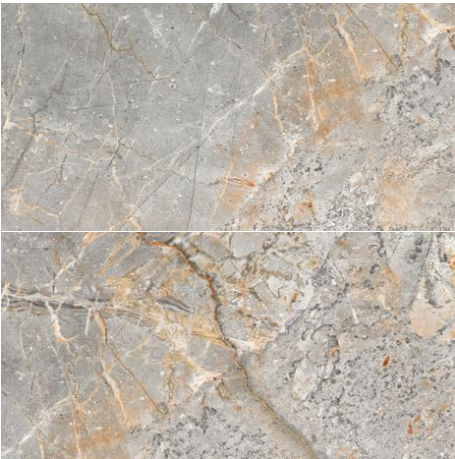
brera soft grey 30x60/12"x24" rectified  
5903943501786



listwa super inox 2,5x60/1"x24"  
5907222081518



listwa super inox 1,5x60/0,6"x24"  
5901549844665



brerea grey 30x60/12"x24" rectified  
5903943501809



wood essence natural 15,5x62/6"x24"    
5907518306189



wood essence natural 15,5x62/6"x24"    
5901503209516

30x60/12"x24" rectified



brera 30x60/12"x24"
/rectified/

intense collection



intense beige 30x60/12"x24" rectified  
5903943501724



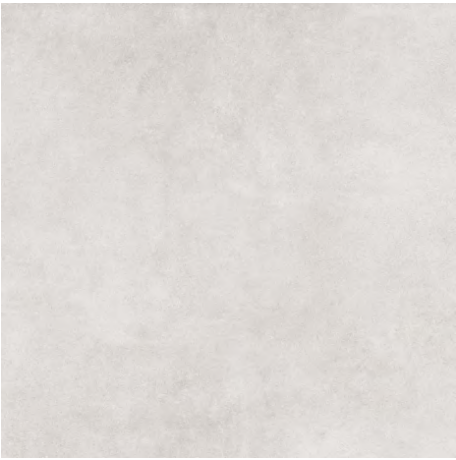
listwa copper glass 2x60/0,8"x24" rectified  
5903940086880



intense wood 30x60/12"x24" rectified  
503943501113 (CCR34)



intense wood chevron 30x60/12"x24" rect.  
5903943501137 (CCR35)



universal soft grey 60x60/24"x24" rect.    
5901503204917

30x60/12"x24" rectified



intense 30x60/12"x24"
/rectified/

moris collection



moris white 30x60/12"x24" rectified  
5903943501946



listwa super inox 2,5x60/1"x24"  
5907222081518



listwa super inox 1,5x60/0,6"x24"  
5901549844665



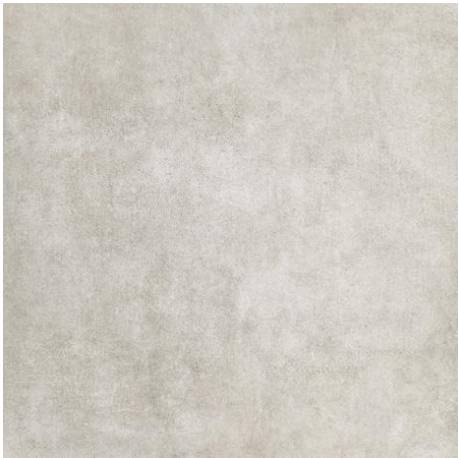
moris grey 30x60/12"x24" rectified  
5903943501960



moris patchwork grey 30x60/12"x24" rectified  
5903943501984



universal soft grey 60x60/24"x24" rect.    
5901503204917



universal grey 60x60/24"x24" rect.    
5901503208564

30x60/12"x24" rectified



moris 30x60/12"x24"
/rectified/



home collection



64 amberia
66 valeria

25x40/10"x16"

amberia collection



amberia white 25x40/10"x16"
5902627430398



amberia white dekor 25x40/10"x16"
5902627431241



amberia grey 25x40/10"x16"
5902627431180



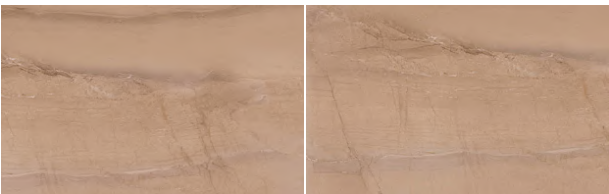
listwa inox 1,5x40/0,6"x16"
5907222081600



amberia beige 25x40/10"x16"
5902627431197



amberia beige dekor 25x40/10"x16"
5902627431258



amberia brown 25x40/10"x16"
590262743120



listwa inox 1,5x40/0,6"x16"
5907222081600



25x40/10"x16"



amberia white 25x40/10"x16"
/non-rectified/



amberia beige 25x40/10"x16"
/non-rectified/

valeria collection



valeria cream 25x40/10"x16"
5902627432514



listwa inox 1,5x40/0,6"x16"  
5907222081600



valeria beige 25x40/10"x16"  
5902627432521



valeria flowers dekor 25x40/10"x16"
5902627432538  

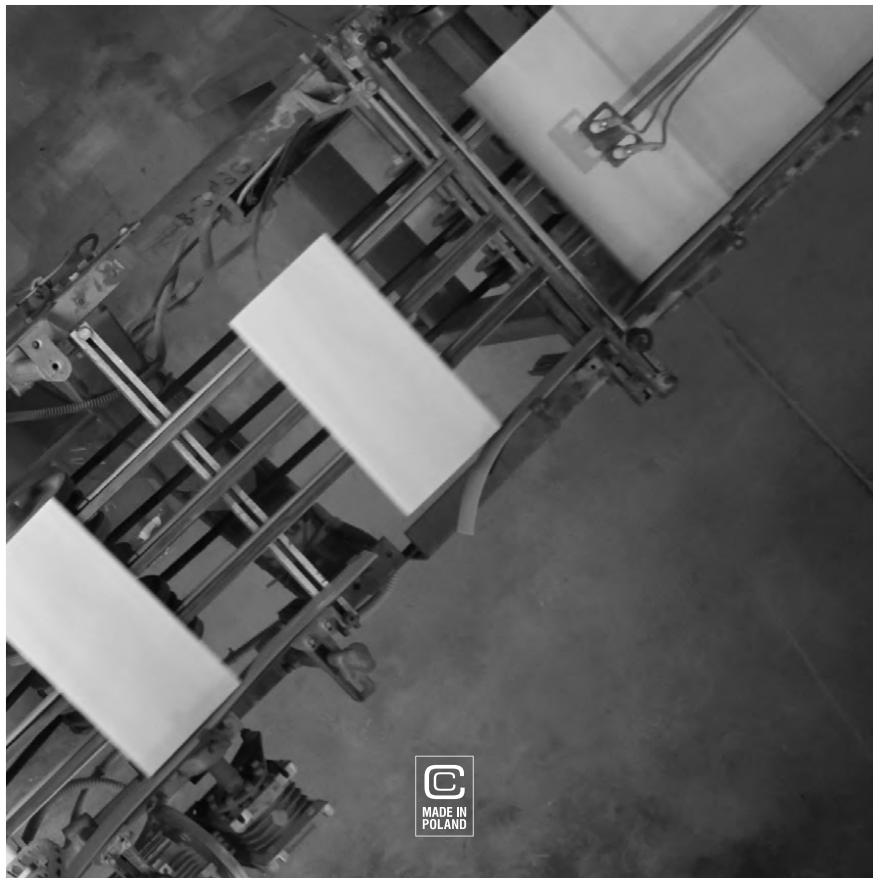
25x40/10"x16"



valeria 25x40/10"x16"
/non-rectified/



technical information



- 70 packing system
- 71 number of face
- 72 technical features
- 74 display system

and product features

packing system

size cm/inch format cm/inch формат см/дюйм	pieces/box stück/verpack. количество плиток в коробке	sqm/sq ft box m²/sq ft verpack. количество m²/sq ft в коробке	box weight paketgewicht вес коробки	boxes/pallet verpack./palette количество коробок на поддоне	sqm/sq ft pallet m²/sq ft palette количество m²/sq ft на поддоне	pallet weight palette waage вес поддона
płytki podłogowe/floor tiles/bodenfliesen/напольные плитки						
cm/inch	pcs/box	m²/sq ft box	kg/lb box	box/pallet	m²/sq ft pallet	kg/lb pallet
15,5x62/6"x24"	14	1,34/14,23	18,35/40,45	64	85,76/923,11	1200/2646
31x62/12"x24"	9	1,62/17,44	23,7/52,25	40	64,8/697,50	970/2138
20x120/8"x48" rect.	5	1,20/12,91	26/57,3	45	54/581,25	1200/2644,8
60x60/24"x24" rect*	4	1,44/15,49	28/61,71	30	43,20/465	880/1939,52
60x60/24"x24" rect**	5	1,80/19,37	30/66,12	30	54/581,25	925/2039
płytki ścienne/wall tiles/wandfliesen/настенные плитки						
cm/inch	pcs/box	m²/sq ft box	kg/lb box	box/pallet	m²/sq ft pallet	kg/lb pallet
30x60/12"x24" rect.	10	1,80/19,4	26,20/57,8	32	57,60/620	865/1907
25x75/10"x30" rect.	8	1,50/16,1	24/52,9	36	54,00/581,3	890/1962

*thickness 9 mm sugar lappato

**thickness 8 mm mat

collection name name der kollektion название коллекции	size cm/inch format cm/inch формат см/дюйм	rectified rektifikation ректификация	number of face anzahl der grafiken количество рисунки
--	--	--	---

home collection 25x75/10"x30" rectified

abisynia soft grey/abysynia grey	25x75/10"x30"	✓	9
arena cream/arena cream hexagon	25x75/10"x30"	✓	13
dakota light/dakota dark/dakota mix dekor	25x75/10"x30"	✓	7
denver soft grey/denver grey	25x75/10"x30"	✓	11
elisa soft grey/elisa grey	25x75/10"x30"	✓	13
harmony pearl/harmony grey	25x75/10"x30"	✓	5
just white	25x75/10"x30"	✓	monokolor
living cream/living grey	25x75/10"x30"	✓	4
luxor cream	25x75/10"x30"	✓	12
luxor grey/luxor white	25x75/10"x30"	✓	12
onice	25x75/10"x30"	✓	15
paris soft grey/paris grey	25x75/10"x30"	✓	5
portobello soft grey/portobello grey	25x75/10"x30"	✓	9
riviera sand	25x75/10"x30"	✓	9
salomea cream/salomea beige	25x75/10"x30"	✓	6
snow glossy	25x75/10"x30"	✓	monokolor
solaris light/solaris dark	25x75/10"x30"	✓	12
white loft	25x75/10"x30"	✓	monokolor

home collection 30x60/12"x24" rectified

brera soft grey/brera grey	30x60/12"x24"	✓	9/8
intense beige/intense wood/intense wood chevron	30x60/12"x24"	✓	10
moris white/moris grey	30x60/12"x24"	✓	11

home collection 25x40/10"x16" non-rectified

amberia white/amberia grey	25x40/10"x16"	✗	9
amberia beige/amberia brown	25x40/10"x16"	✗	9
valeria cream/valeria beige	25x40/10"x16"	✗	9

technical features

wall tiles standards

Dimension and flatness of surface Abmessungen und ebenheit der fläche Размер и плоскость поверхности		Test method Testmethode метод	Parameters, Eigenschaften, Параметры	
			Requirements Anforderungen Требования	Average value Erzielter Durchschnittswert Среднее
	Długość i Szerokość, Lenght and width, Länge und Breite длина и ширина	EN ISO 10545-2	± 0,5%	± 2,0 MM
	Grubość, Thickness, Fliesendicke, Толщина		± 10%	± 0,5 MM
	Krzywizny boków, Straightness of sides, Seitenkrümmung Кривизна сторон		± 0,3%	± 1,5 MM
	Prostokątność, Rectangularity, Rechtwinkligkeit Прямоугольность		± 0,5%	± 2,0 MM
	Krzywizna środka, w odniesieniu do długości przekątnej Center curvature, Max. Mittelkrümmung Макс. кривизна середины		- 0,3%, + 0,5%	- 1,5 MM, + 2,0 MM
	Krzywizna boków, w odniesieniu do odpowiedniego wymiaru Edge curvature, Max. Seitenkrümmung Макс. кривизна сторон		- 0,3%, + 0,5%	- 1,5 MM, + 2,0 MM
	Wypaczenie w odniesieniu do długości przekątnej Warpage, Der Unterschied in Bezug auf die Länge der Diagonale, Отклонение по отношению к длине диагонали		± 0,5%	± 2,0 MM
Physical properties Physikalische eigenschaften Физические свойства		Test method Testmethode метод	Requirements Anforderungen Требования	Average value Erzielter Durchschnittswert Среднее
	Jakość powierzchni, Surface quality (%), Qualität der Oberfläche (%), Качество поверхности (%)	EN ISO 10545-2	Wymagana Required Erforderlich требуемый	Zgodnie z EN 14411:2012 According to EN 14411:2012 Nach der norm EN 14411:2012 в соответствии EN 14411:2012
	Nasiąkliwość wodna (%), Water absorption (%) Wasseraufnahmefähigkeit (%), Водопоглощаемость (%)	EN ISO 10545-3	>10	max.19
	Wytrzymałość na zginanie (N/mm²), Modulus of rupture (N/ mm²), Biegefestigkeit (N/mm²), Прочность на изгиб (N/mm²)	EN ISO 10545-4	≤ 7,5 mm Min.12	>13
	Siła łamiąca (N, Breaking strenght (N), Bruchlast (N) Сила ломания (N)		> 7,5 mm Min. 15	>16
			≤ 7,5 mm Min. 200	Min. 300
			> 7,5 mm Min. 600	Min. 600
	Odporność na szok termiczny, Thermal shock resistance Temperaturwechselbeständigkeit, Устойчивость на термический шок	EN ISO 10545-9	Podana przez prod. Quoted by manufacturer Vom Hersteller angegeben Согласно испытаний производителя	Odporne Resistant Widerstandsfähig прочный
	Odporność szkliwa na pęknięcia włoskowate Crazing resistance for glazed tiles, Haarrißfestigkeit Устойчивость глазури к капиллярным трещинам	EN ISO 10545-11	Wymagana Required Erforderlich требуемый	Odporne Resistant Widerstandsfähig прочный
	Odporność na środki domowego użytku i sole do basenów kąpielowych/Resistance to household chemicals and swimming pool salts/Beständigkeit gegen Haushaltsmittel und Salze für Schwimmbäder/Устойчивость к воздействию средств бытовой химии и солей для купальных бассейнов	EN ISO 10545-13	Min. klasa B Min. B grade Min. Klasse B мин. Класс B	Odporne Resistant Widerstandsfähig прочный
	Odporność na plamienie Resistance to staining Fleckenwiderstand Устойчивость к появлению пятен	EN ISO 10545-14	Min. klasa 3 Min. 3 Grade Min. Klasse 3 мин. Класс 3	Klasa 3-5 Grade 3-5 Klasse 3-5 Класс 3-5

Values according / Normwerte / Значения за стандартом: EN 14411:2012 - group B III
Certificate / Zertifikate / Сертификаты: PN-EN ISO 9001; PN-EN ISO 14001

		Test method Testmethode метод	N ≥ 15 cm	
			Requirements Anforderungen Требования	Average value Erzielter Durchschnittswert Среднее
	Dimension and flatness of surface Abmessungen und ebenheit der fläche Размер и плоскость поверхности	EN ISO 10545-2		
	Length, Länge, Длина		± 0,6%	± 0,5%
	Width, Breite, Ширина		± 0,6%	± 0,5%
	Thickness, Stärke, Толщина		± 5% / 0,5 mm	± 3% / max 0,5 mm
	Deviation of the angle Abweichung vom winkel Отклонение от угла		± 0,5% / 2mm	± 0,05% / max 2 mm
	Surface flatness Flächenebenheit Плоскость поверхности		± 0,5% / 2mm	± 0,2% / max 2 mm
Physical properties Physikalische eigenschaften Физические свойства		Test method Testmethode метод	Requirements Anforderungen Требования	Average value Erzielter Durchschnittswert Среднее
	Water absorption Wasseraufnahmevermögen Водопоглощаемость	EN ISO 10545-3	E ≤ 0,5%	0,1% - 0,3%
	Breaking strength Modulus of rupture Bruchkraft Преломляющая сила	EN ISO 10545-4	for thickness, bei d. Stärke, для толщины < 7,5 mm - ≥ 700 N ≥ 7,5 mm - ≥ 1300 N	950 N min 1500 N
	Flexural tensile strenght Biegefestigkeit Прочность при изгибе	EN ISO 10545-4	≥ 35 N / mm ²	35 N / mm ²
	Abrasion resistance Abriebfestigkeit Стойкость к абразивному износу	EN ISO 10545-7	According to the manufacturer's declaration, laut Herstellererklärung, согласно декларации производителя	III - IV PEI
	Termal shock resistance Widerstand gegen Temperaturschock Устойчивость к термическим нагрузкам	EN ISO 10545-9	requirements erforderlich требуемая	resistant beständig стойкие
	Crazing resistance Rissbeständigkeit Устойчивость к растрескиваниям шд	EN ISO 10545-11	requirements erforderlich требуемая	resistant beständig стойкие
	Frost resistance Frostbeständigkeit Морозостойкость	EN ISO 10545-12	requirements erforderlich требуемая	resistant beständig стойкие
	Resistance chemicals Chemische Beständigkeit Химическая стойкость	EN ISO 10545-13	min. B	A, LA, HA
	Resistance to staining Fleckempfindlichkeit Стойкость к изменению цветового тона	EN ISO 10545-14	min. 3	5
	The release of lead and cadmium Freisetzung von Blei und Cadmium Высвобождение свинца и кадмия	EN ISO 10545-15	Cd 0,07 mg/dm ² Pb 0,8 mg/dm ²	0 0
	Slip resistance Rutschhemmung Противоскользящие свойства	DIN 51130	According to the manufacturer's declara- tion, laut Herstellererklärung, согласно декларации производителя	R9 - R11

CERAMIKA
COLOR

CERAMIKA
COLOR

ONYX ELEGANCE | 25x75





Display Ceramika Color
25x75/30x60

module
218x116x80 cm/86"x46"x31,5"

board
180x85x1 cm/70"x33,5"x0,4"

20 boards

includes light system



more information about display system
available on the www.ceramikacolor.pl



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► description

for wall laying 

for floor laying 

frost resistance 

abrasion resistance 

glass 

perla 

glossy 

mat 

sugar lappato 

possibility of cutting 

