



BARTH & CO
INTERNATIONAL

SOLID **POWER** CORE

listen. convert. deliver.

"Founded in 1873 as an agency for round and sawn timber, we are now **producer, importer and service provider** for the European retail. We find it our responsibility to **listen** to the market, to **convert** the demand into strong concepts and to **deliver** products with the requested **quality, style and durability**. Today, we produce and import over 6.500 containers of **outdoor and indoor floors and wall** on a yearly basis."

- *Stephan von Schreitter, CEO F.W. Barth & Co GmbH*



style meets strength

advanced portofino
0610008

the best quality floor

wonderfully quiet

authentic look & feel

waterproof technology



legend sion
0610016

Solid Power Core floors offer the ideal solution for modern living. With its stylish designs, robust durability, and easy maintenance, it's perfect for busy homes, professional spaces, and everything in between.

SOLID **POWER** CORE

security first

The world is hectic and sometimes full of stress, but your home shouldn't be. Choose secure, worry-free living with your Solid Power Core floor. Quality you can trust, and designed for ease and comfort. Because a secure home is a happy home. Enjoy the comfort of living with Solid Power Core.



advanced valeggio
0610005



QUIET

The elastic surface of Solid Power Core floors dampens footsteps and vibrations - for pleasant room acoustics.



EASY TO CARE FOR

For reliable protection: The surface is completely sealed with a high-quality acrylic coating. Stains and dirt can be easily removed by sweeping, vacuuming or damp mopping.



WARM

Solid Power Core floors feel cozy and soft - ideal for walking barefoot.



HIGH DURABILITY

Solid Power Core floors are particularly hard-wearing thanks to their special wear layer.



SUITABLE FOR UNDERFLOOR HEATING SYSTEMS

Due to their good thermal conductivity, edge floors are ideally suited for installation on underfloor heating systems.



WATER RESISTANT

The high-quality acrylic coating does not allow any moisture to pass through. Solid Power Core floors are therefore the ideal solution for wet rooms such as bathrooms or kitchens.



LOW INSTALLATION HEIGHT

Thin - from 5 mm to 6 mm total thickness - Solid Power Core floors can be conveniently installed over other floor coverings - perfect for renovation projects.



QUICK AND EASY INSTALLATION

Thanks to innovative click technologies such as, L2C® and Drop Down, Solid Power Core floors can be easily and quickly installed as a floating floor.



original berlin
0610003

SOLID POWER CORE

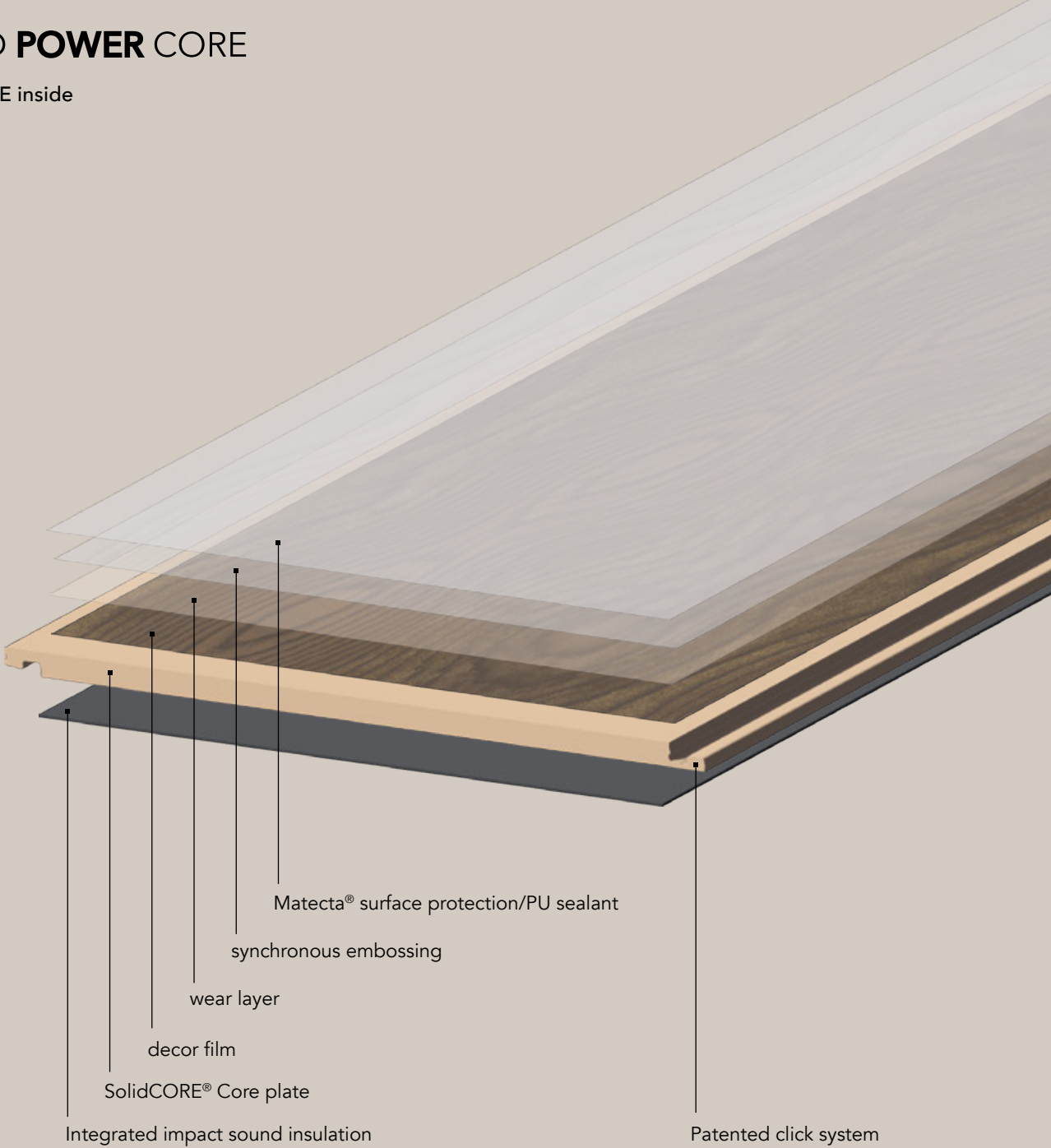
Solid Power Core flooring is a high-quality design floor that offers a combination of decorative and wear layer. The decorative layer is pressed together with the wear layer onto the core board. This creates a robust and durable floor covering.

A special feature of Solid Power Core flooring is the high-quality impact sound underlay. This provides effective sound insulation and reduces impact noise by 17 decibels (dm). Another advantage is its water resistance. It can withstand moisture without being damaged, making it ideal for damp rooms such as bathrooms or kitchens. The flooring is highly resilient and can withstand heavy traffic and furniture weight without looking worn.



SOLID POWER CORE

SolidCORE inside



the choice made easy

original

★★★

wearlayer 0.3 mm

original wood

pg 14 - 17



all residential areas
light use / commercial areas



advanced

★★★★

wearlayer 0.5 mm

advanced wood

pg 18 - 25

advanced chevron

pg 26 - 27

advanced tiles

pg 28 - 33



all residential areas
medium use / commercial areas



legend

★★★★★

wearlayer 0.7 mm

legend wood

pg 34 - 39



all residential areas
high use / commercial areas





original wood

1220 x 225 mm x 4+1 mm
0.3 wearlayer

- authentic design
- realistic matt surface thanks to Matecta® surface protection
- 4 mm SolidCORE board for high stability
- includes 1mm IXPE underlay
- 4-sided micro bevelled edge



original paris
0610002



paris
0610002



berlin
0610003



rome
0610004



madrid
0610022



original split
0610160



athens
0610159



split
06100160



wearlayer 0.3 mm

original collection

advanced wood

1220 x 225 mm x 4+1 mm
0.5 wearlayer

- authentic design
- realistic matt surface thanks to Matecta® surface protection
- 4 mm SolidCORE board for high stability
- includes 1mm IXPE underlay
- 4-sided micro bevelled edge



livorno
0610007



portofino
0610008



veggio
0610005



positano
0610006



nerano
0610009



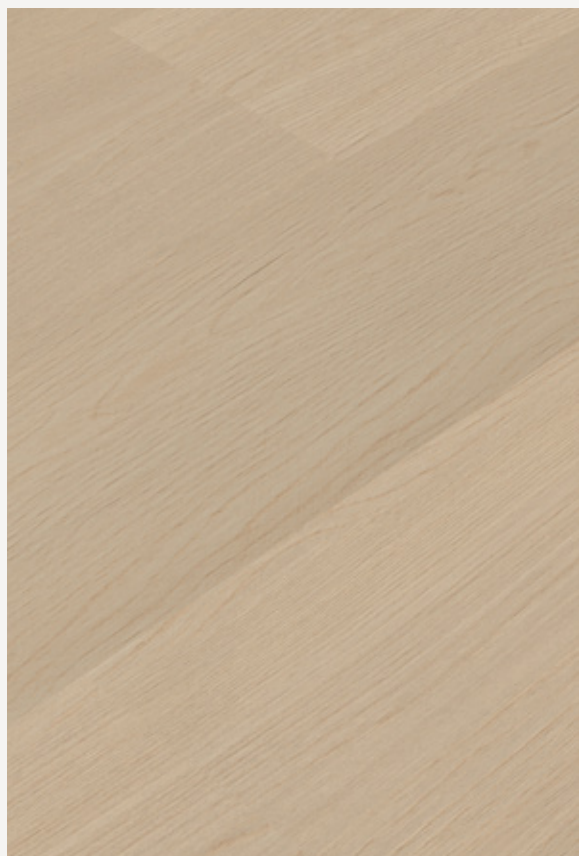
negrar
0610010



wearlayer 0.5 mm

advanced collection





blond
0610165



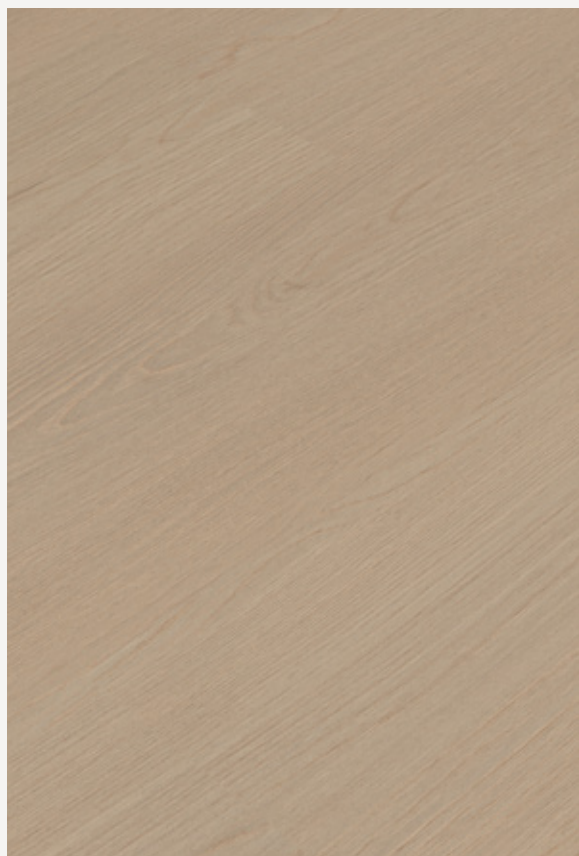
greige
0610162



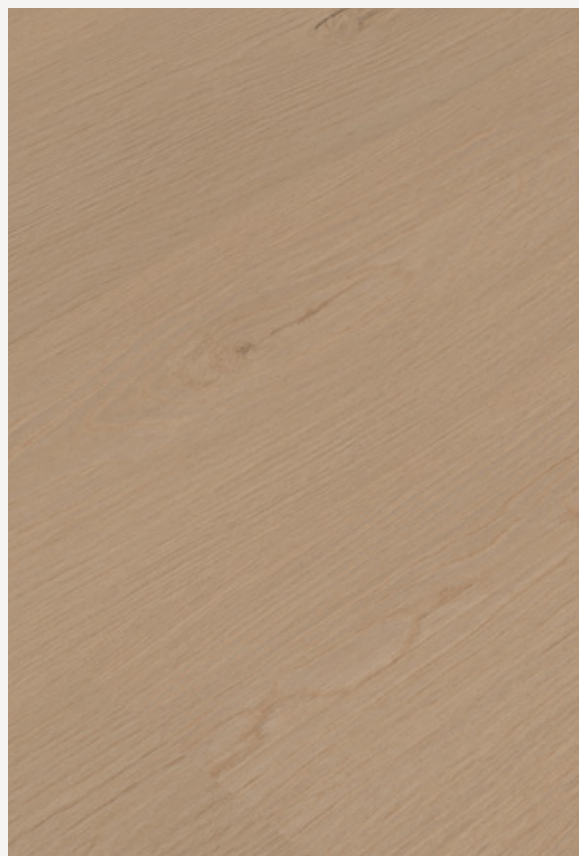
genista
0610161



smokey
0610166



sand
0610163



creme
0610164



sunflower
0610167



lindera
0610168



advanced chevron

1220 x 300 mm x 4+1 mm
0.5 wearlayer

- authentic design
- realistic matt surface thanks to Matecta® surface protection
- 4 mm SolidCORE board for high stability
- includes 1mm IXPE underlay
- 4-sided micro bevelled edge



vilmoz
0610195



puskas
0610196



vilmoz
0610195



puskas
0610196



wearlayer 0.5 mm

advanced collection

advanced tiles

940 x 470 mm x 4,5+1 mm
0.5 wearlayer

- authentic design
- realistic matt surface thanks to Matecta® surface protection
- 4,5 mm SolidCORE board, for high stability
- includes 1mm IXPE underlay
- 4-sided micro bevelled edge



DROP DOWN PLUS



tuscan hazelnut
0610126



cosmic latte
0610124



dessert sand
0610125



tuscan hazelnut
0610126



cloud grey
0610127



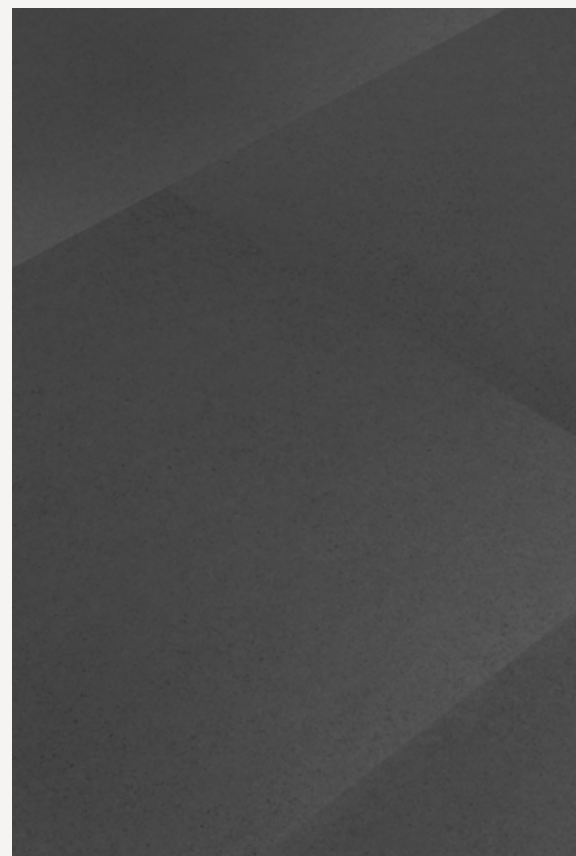
wearlayer 0.5 mm

advanced collection





tempered moon
0610128



charcoal grey
0610129



carrara glossy
0610227



cardoso glossy
0610228



cardoso glossy
0610228

legend wood

1520 x 225 mm x 5+1 mm
0.7 wearlayer

- authentic design
- realistic matt surface thanks to Matecta® surface protection
- 5mm SolidCORE board for high stability
- includes 1mm cork underlay
- 4-sided micro bevelled edge



**DROP DOWN
PLUS**



davos
0610012



lausanne
0610011



davos
0610012



bern
0610013



basel
0610014



luzern
0610015



luzern
0610015



martigny
0610175



bellinzona
0610176



sion
0610016



uster
0610177



lugano
0610178



the original collection

★★★

description	norm	value
total thickness	EN 428	5.0 mm
wear layer thickness	EN ISO 24340	0.3 mm
type of covering	EN ISO 10582	Heterogen, PVC
surface finish		PUR
click locking strength	EN 433	5.31 N/mm
peel strength	EN 431	82N
density	EN 436	1762 kg/m²
dimensional stability	EN 434	0,05%
squareness	EN 427	0.1 mm
height difference (assembled)	EN 13329	0.05 mm
opening between elements (assembled)	EN 13329	0.06 mm
residual impression	EN ISO 24343-1	0.02 mm
color fastness	EN ISO 105-B02	Stufe > 6
fire behavior	EN 13501-1	Bfl-S1
slip resistance	EN 13893	0,35 / DS
slip resistance	DIN 51130	R10
impact sound improvement	EN ISO 10140-3	17dB
thermal conductivity	EN 12667:2001	0.109 W/(m K)
thermal resistance	EN 12667:2001	0.031 m² K/W
chemical resistance	EN ISO 26987	yes*
wear group	EN ISO 10582	typ 1
chair castor suitability	ISO 4918	yes, typ W, EN 12529
underfloor heating	EN 1264-2	suitable, max. 28°
emission test according AgBB scheme		very low emission

* Resistant, depending on concentration and exposure time, to typical household chemicals.

Subject to errors and technical changes 05/2025.



the advanced collection

★★★★★

description	norm	value
total thickness	EN 428	5.0mm / 5.5mm (tiles)
wear layer thickness	EN ISO 24340	0.5 mm
type of covering	EN ISO 10582	Heterogen, PVC
surface finish		PUR
click locking strength	EN 433	5.31 N/mm
peel strength	EN 431	82N
density	EN 436	1762 kg/m²
dimensional stability	EN 434	0,05%
squareness	EN 427	0.1 mm
height difference (assembled)	EN 13329	0.05 mm
opening between elements (assembled)	EN 13329	0.06 mm
residual impression	EN ISO 24343-1	0.02 mm
color fastness	EN ISO 105-B02	Stufe > 6
fire behavior	EN 13501-1	Bfl-S1
slip resistance	EN 13893	0,35 / DS
slip resistance	DIN 51130	R10
impact sound improvement	EN ISO 10140-3	17dB
thermal conductivity	EN 12667:2001	0.109 W/(m K)
thermal resistance	EN 12667:2001	0.031 m² K/W
chemical resistance	EN ISO 26987	yes*
wear group	EN ISO 10582	typ 1
chair castor suitability	ISO 4918	yes, typ W, EN 12529
underfloor heating	EN 1264-2	suitable, max. 28°
emission test according AgBB scheme		very low emission

* Resistant, depending on concentration and exposure time, to typical household chemicals.

Subject to errors and technical changes 05/2025.



Trafficability excluded





the legend collection

★★★★★

description	norm	value
total thickness	EN 428	6.0 mm
wear layer thickness	EN ISO 24340	0.7 mm
type of covering	EN ISO 10582	Heterogen, PVC
surface finish		PUR
click locking strength	EN 433	5.74 N/mm
peel strength	EN 431	84N
density	EN 436	1762 kg/m²
dimensional stability	EN 434	0,05%
squareness	EN 427	0.1 mm
height difference (assembled)	EN 13329	0.05 mm
opening between elements (assembled)	EN 13329	0.06 mm
residual impression	EN ISO 24343-1	0.02 mm
color fastness	EN ISO 105-B02	Stufe > 6
fire behavior	EN 13501-1	Bfl-S1
slip resistance	EN 13893	0,35 / DS
slip resistance	DIN 51130	R10
impact sound improvement	EN ISO 10140-3	17dB
thermal conductivity	EN 12667:2001	0.109 W/(m K)
thermal resistance	EN 12667:2001	0.031 m² K/W
chemical resistance	EN ISO 26987	yes*
wear group	EN ISO 10582	typ 1
chair castor suitability	ISO 4918	yes, typ W, EN 12529
underfloor heating	EN 1264-2	suitable, max. 28°
emission test according AgBB scheme		very low emission

* Resistant, depending on concentration and exposure time, to typical household chemicals.

Subject to errors and technical changes 05/2025.



Trafficability excluded





	collection	article name		article number	wearlayer	underlayer	texture	bevel	pcs/pack	sqm per pack (m²)	packs per pallet (m²)	sqm per pallet (m²)
★ ★ ★	original wood	1220 x 225 x 4+1mm/0.3	paris	0610002	0,30	1mm IXPE grey	Barnside	4 micro bevel	10	2,7450	44	120,780
			berlin	0610003	0,30	1mm IXPE grey	Barnside	4 micro bevel	10	2,7450	44	120,780
			rome	0610004	0,30	1mm IXPE grey	Barnside	4 micro bevel	10	2,7450	44	120,780
			madrid	0610022	0,30	1mm IXPE grey	Barnside	4 micro bevel	10	2,7450	44	120,780
			athens	0610159	0,30	1mm IXPE grey	Barnside	4 micro bevel	10	2,7450	44	120,780
			split	0610160	0,30	1mm IXPE grey	Barnside	4 micro bevel	10	2,7450	44	120,780
★ ★ ★ ★ ★	advanced wood	1220 x 225 x 4+1mm/0.5	valeggio	0610005	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			positano	0610006	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			livorno	0610007	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			portofino	0610008	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			nerano	0610009	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			negrar	0610010	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			genista	0610161	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			greige	0610162	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			sand	0610163	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			creme	0610164	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			blond	0610165	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			smokey	0610166	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			sunflower	0610167	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
			lindera	0610168	0,50	1mm IXPE black	C-EIR	4 micro bevel	10	2,7450	44	120,780
	advanced chevron	1220 x 300 x 4+1mm/0.5	vilmoz	0610195	0,50	1mm IXPE black	C-EIR	4 micro bevel	8	2,9280	39	114,192
			puskas	0610196	0,50	1mm IXPE black	C-EIR	4 micro bevel	8	2,9280	39	114,192
	advanced tile	940 x 470 x 4,5+1mm/0.5	cosmic latte	0610124	0,50	1mm IXPE black	SE	4 micro bevel	5	2,2090	45	99,405
			desert sand	0610125	0,50	1mm IXPE black	SE	4 micro bevel	5	2,2090	45	99,405
			tuscan hazelnut	0610126	0,50	1mm IXPE black	SE	4 micro bevel	5	2,2090	45	99,405
			cloud grey	0610127	0,50	1mm IXPE black	SE	4 micro bevel	5	2,2090	45	99,405
			tempered moon	0610128	0,50	1mm IXPE black	SE	4 micro bevel	5	2,2090	45	99,405
			charcoal grey	0610129	0,50	1mm IXPE black	SE	4 micro bevel	5	2,2090	45	99,405
			carrara glossy	0610227	0,50	1mm IXPE black	Tiny sand / TS	4 micro bevel	6	2,6508	45	119,286
			cardoso glossy	0610228	0,50	1mm IXPE black	Tiny sand / TS	4 micro bevel	6	2,6508	45	119,286
★ ★ ★ ★ ★ ★	legend wood	1520 x 225 x 5+1mm/0.7	lausanne	0610011	0,70	1mm cork	C-EIR	4 micro bevel	5	1,7100	48	82,080
			davos	0610012	0,70	1mm cork	C-EIR	4 micro bevel	5	1,7100	48	82,080
			bern	0610013	0,70	1mm cork	C-EIR	4 micro bevel	5	1,7100	48	82,080
			basel	0610014	0,70	1mm cork	C-EIR	4 micro bevel	5	1,7100	48	82,080
			luzern	0610015	0,70	1mm cork	C-EIR	4 micro bevel	5	1,7100	48	82,080
			sion	0610016	0,70	1mm cork	C-EIR	4 micro bevel	5	1,7100	48	82,080
			nicolaï	0610020	0,70	1mm cork	C-EIR	4 micro bevel	5	1,7100	48	82,080
			bellinzona	0610176	0,70	1mm cork	C-EIR	4 micro bevel	5	1,7100	48	82,080
			uster	0610177	0,70	1mm cork	C-EIR	4 micro bevel	5	1,7100	48	82,080
			lugano	0610178	0,70	1mm cork	C-EIR	4 micro bevel	5	1,7100	48	82,080

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