

SlimLine<sup>plus</sup>



kronospan

**W**orktops must be able to withstand to the most varied kitchen tasks as well as maintaining the highest degree of hygiene and longevity. But, they are also a prominent design element and often show its owner's personality and taste. In order to guarantee the durability and beauty of your kitchen or work area for years to come, we created Slim Line worktops. They bring beauty and elegance in any setting.

# Contents

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Introduction	01
Product features	04
Product application	06
<b>Decor collections</b>	08
Black core	08
Brown core	12
Grey core	16
White core	20
Product overview	24
Product properties	26
Maintenance	28
<b>Installation</b>	30
Worktop processing	30
Angled tabletop assembly	32
Sink processing	36
Installation of sink applied to worktops	38
Undermount sink installation	40



## Product features

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Slim Line countertops combine high quality and impact resistance with exceptional aesthetics. They can be a great addition to any kitchen, bathroom or office space, providing the perfect foundation for many years. Ultra thin and beautiful, these profiled countertops with a monochrome core retain the same functional properties as the standard compact interior, while offering additional benefits in terms of application and use.

They are designed with a unique core in white, grey, brown or black color and are available in sixteen decors.



**WATER RESISTANT**  
High pressure and temperature during the production of the material, ensure that Slim Line worktops are protected from water damages and will not absorb any moisture.



**IMPACT RESISTANT**  
The closed structure of the countertop makes it impact resistant and protects it during installation and usage.



**HEAT RESISTANT**  
High quality materials ensure that the worktop will remain untouched when placing hot utensils on top of it.



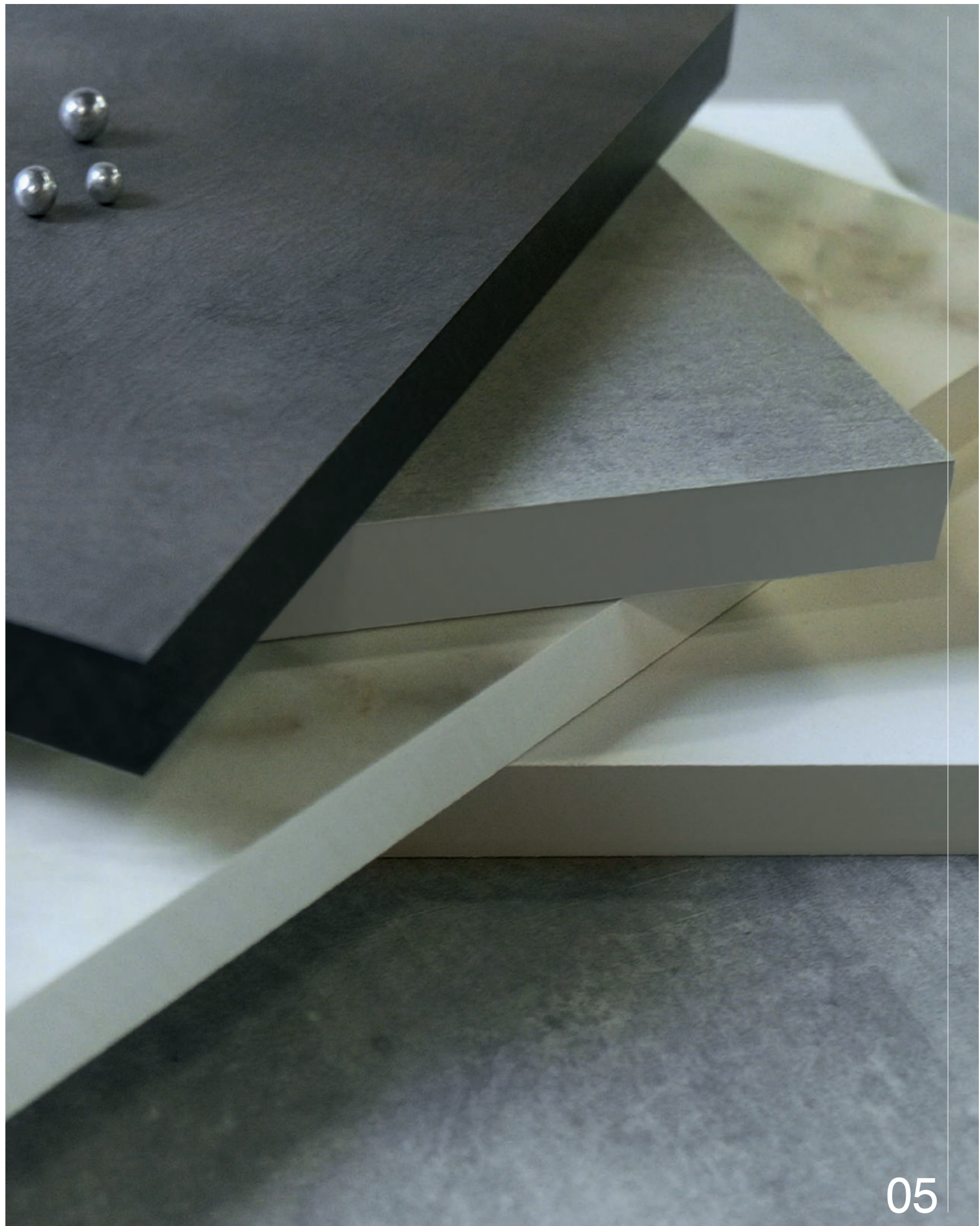
**STAIN RESISTANT**  
The non-porous surface of Slim Line inhibit the growth of bacteria and does not stain easily.



**HYGIENIC**  
Slim Line worktops are hygienic and food-safe.



**EASY TO CLEAN**  
Due to the resistant, hygienic and dense surface, Slim Line worktops do not require any special form of care. Use soapy water or non-abrasive cleaning agents.



## Product applications

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The 12 mm thickness and monochromatic colored core of Slim Line worktops makes them perfect for exclusive furniture and interior design projects.

They have increased water and abrasion resistance, while being functional and good looking. Slim Line countertops are suitable for horizontal and vertical applications - they can be used as kitchen worktops and splashbacks.

They do not require additional edging or surface treatment, which makes them perfect as non-standard kitchen, office or work surfaces.



**KITCHEN TOPS**  
Water resistant, weight-bearing, suitable for undermount sink installation. No need for bonding or edge banding is necessary.



**INTERIOR TOPS**  
Possibility to bevel on the exposed edges of the tops. Double-sided decorative surface that is ideal for use in open cabinets and breakfast bars.



# BLACK CORE

Black is associated with formality, elegance and sophistication. It affects the body and mind by boosting confidence and reflecting strength and sincerity. Other colors are accentuated when combining them with black, creating depth and atmosphere.

**K108 SU Peltro**

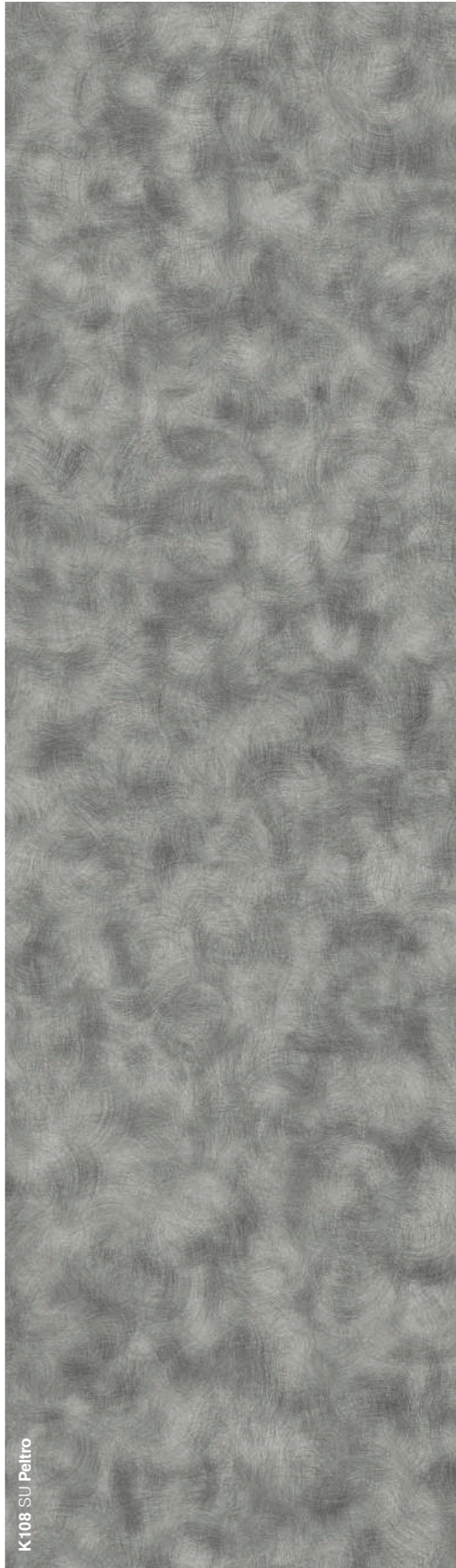
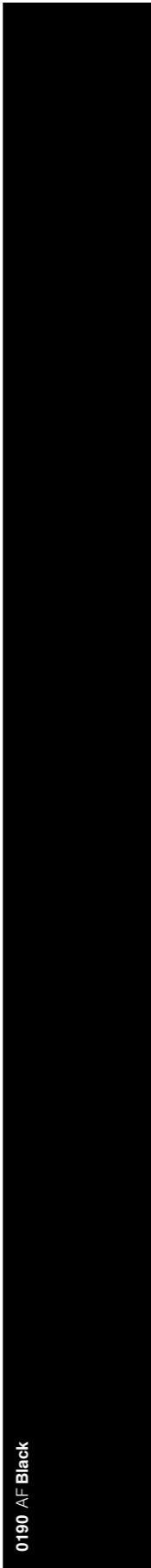
**0190 AF Black**

**0190 SL Black**

**K205 SL Black Concrete**

**7099 GM Black Omega**

Black core



# BROWN CORE

Brown is often associated with nature, the Earth and all that's organic. Being the color of oak woods, it is found solid, comforting and nurturing. When paired with warm woodgrain decors, the brown core creates a unique atmosphere in every home.

**K292 PW Tobacco Hardy Oak**

**K295 PW Honey Longbarr Oak**



**Brown core**



K295 PW Honey Longbarr Oak



K292 PW Tobacco Hardy Oak



# GREY CORE

Grey is timeless and practical that is often associated with stone or concrete materials. It has a cool, neutral, and balanced character that can work great in every kitchen or office space. Combined with a warm beige decor, the grey core can create an understated elegance.

**K028 SU Portland**

**K367 PH Cream Navona**

**K368 PH Grey Atlantic Marble**

**K302 PH Urban Stonecrete**

**K372 GM Grey Andromeda**

Grey core



K367 PH Cream Navona



K028 SU Portland



K368 PH Grey Atlantic Marble



K302 PH Urban Stonecrete



K372 GM Grey Andromeda

# WHITE CORE

White has always been associated with purity. The delicate marble decor, as well as the silver flakes in our creative decors are in perfect harmony with the white core of our Slim Line worktop and together they create a modern vision in every interior.

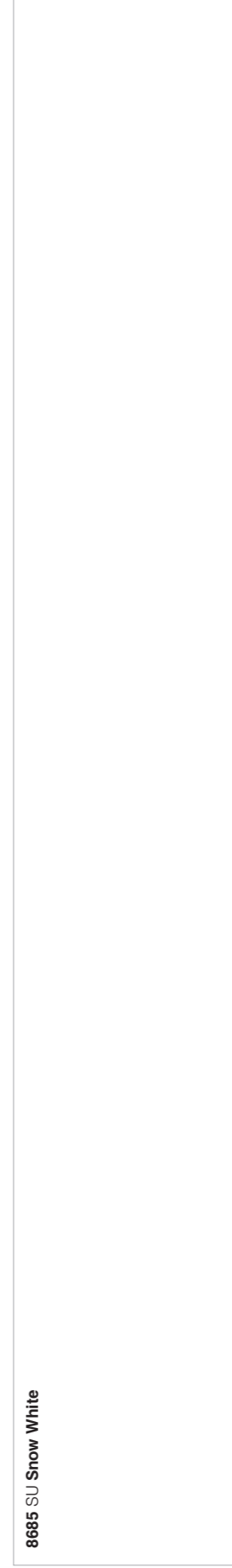
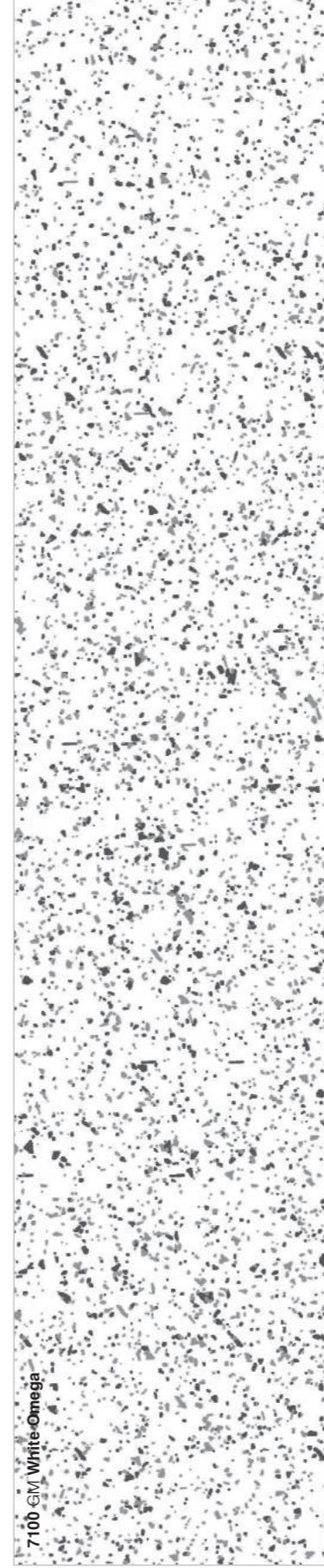
**8685 SU Snow White**

**K023 SU Venato**

**7100 GM White Omega**

**K217 GM White Andromeda**

White core



## Product overview

Number	Texture	Decor name	Core
K108	SU	Peltro	Black
0190	AF	Black	Black
0190	SL	Black	Black
K205	SL	Black Concrete	Black
7099	GM	Black Omega	Black
K292	PW	Tobacco Hardy Oak	Brown
K295	PW	Honey Longbarr Oak	Brown
K028	SU	Portland	Grey
K367	PH	Cream Navona	Grey
K368	PH	Grey Atlantic Marble	Grey
K302	PH	Urban Stonecrete	Grey
K372	GM	Grey Andromeda	Grey
8685	SU	Snow White	White
K023	SU	Venato	White
7100	GM	White Omega	White
K217	GM	White Andromeda	White

### Board size

#### Format



#### Thickness



### Matching product

Our Splashback collection includes 62 decors and 4 digitally printed patterns. All of them are perfectly coordinated with the range of worktops. Splashbacks can be applied to the wall behind the countertop, providing a perfect alternative to tiles. With an excellent appearance, high durability, easy maintenance splashbacks are the effective solution to every demanding interior.

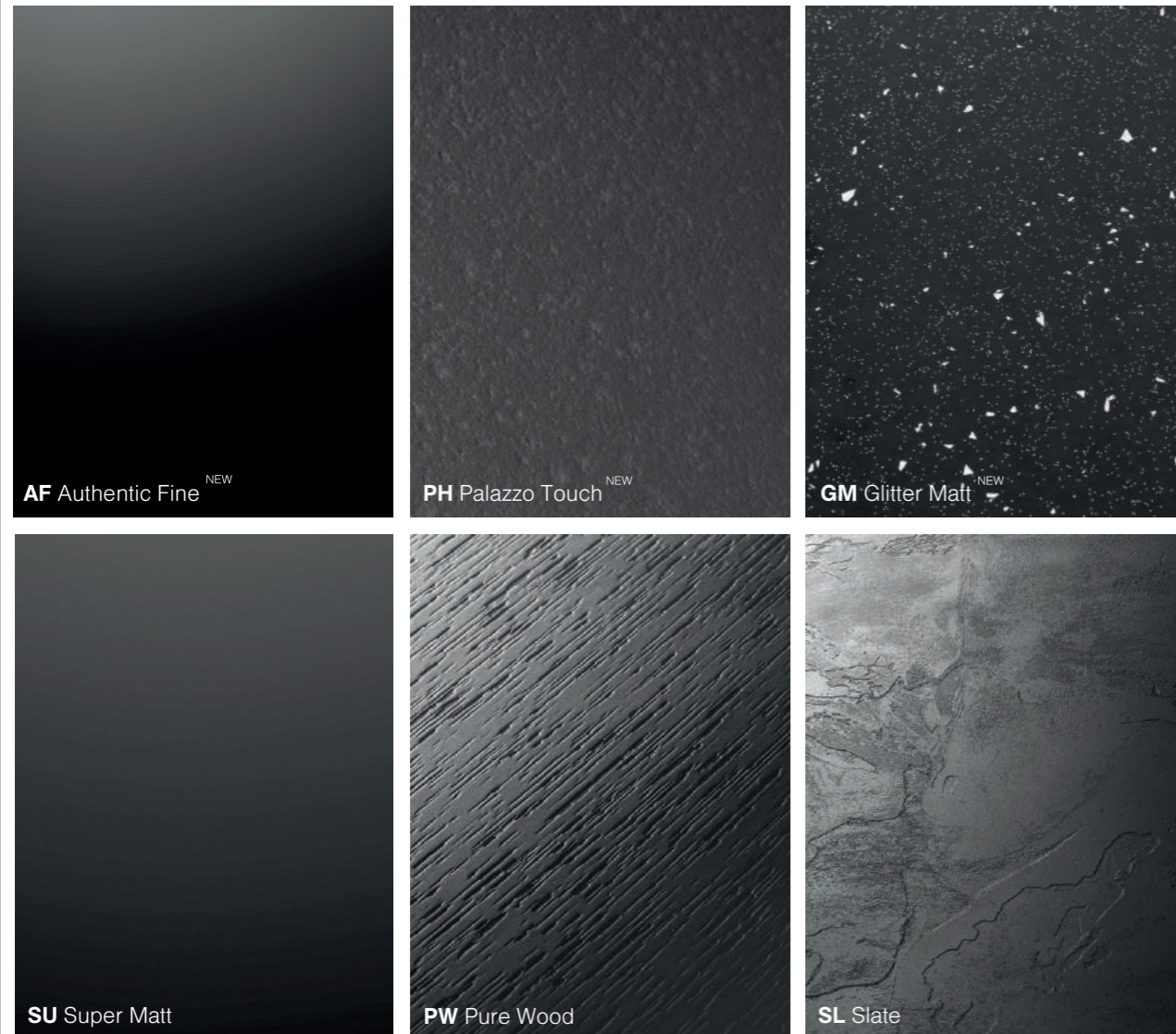
Kronodesign® countertops can be finished with stylish and hygienic strip that provide a clean and professional finish between the worktop surface and the wall or Splashback. The finishing strip can be used for countertop surfaces and internal corners where two surfaces meet at a right angle. The fully matched finishing strip is easy to install and will complete the overall appearance of the work surface and the entire kitchen.

## Matching product



## Textures

Slim Line collection offers six mesmerizing textures.



# Product properties



Slim Line is a high-pressure decorative laminate with high durability, mechanical strength, resistance to impact and abrasion. The additional benefits of this product are high dimensional stability, resistance to water, hot or cold temperature. The materials are also non corrosive and hygienic.

## Technical data

Parameter	Unit	Standard	Requirements value	Slim Line
Thickness	mm	EN 438-2.5	12.0 ± 0.60	12.0 ± 0.60
Length	mm	EN 438-2.6	+ 10 / - 0	+ 10 / - 0
Width	mm	EN 438-2.6	+ 10 / - 0	+ 10 / - 0
Flatness	mm/m	EN 438-2.9	≤ 3.0t	≤ 3.0
Straightness of edges	mm/m	EN 438-2.7	≤ 1.5	≤ 1.5
Squareness	mm/m	EN 438-2.8	≤ 1.5	≤ 1.5
Resistance to surface wear	IP (rpm)	EN 438-2.10	≥ 150	≥ 150
Resistance to impact with large diameter ball	Drop height (mm)	EN 438-2.21	≥ 1800	≥ 1800
Scratch resistance	Appearance	EN 438-2.25	Smooth finishes ≥ 2	Smooth finishes ≥ 2
	Grade		Textured finishes ≥ 3	Textured finishes ≥ 3
Dry heat resistance	Appearance	EN 438-2.16	SQ finish ≥ 4	SQ finish ≥ 4
	Grade		Other finishes ≥ 3	Other finishes ≥ 3
Resistance to immersion in boiling water	Appearance, surface	EN 438-2.12	SQ finish ≥ 4	SQ finish ≥ 4
			Other finishes ≥ 3	Other finishes ≥ 3
Resistance to staining	Appearance, edge	EN 438-2.26	≥ 3	≥ 3
	Group 1 and 2, grade		≥ 5	≥ 5
Resistance to water vapour	Appearance, grade	EN 438-2.14	SQ finish ≥ 4	SQ finish ≥ 4
			Other finishes ≥ 3	Other finishes ≥ 3
Resistance to crazing	Appearance, grade	EN 438-2.24	≥ 4	≥ 4
Flexural modulus	mPa	EN ISO 178	≥ 9000	≥ 9000
Flexural strength	Stress, mPa	EN ISO 178	≥ 80	≥ 80
Density	g/cm <sup>3</sup>	EN ISO 1183-1	≥ 1.35	≥ 1.35
Fire class	Classification	EN 13501-1	C-s1, d0	C-s1, d0

The content of this table is based on practical experiences as well as on our own investigations and conform to our current level of knowledge. They serve for information purposes and do not contain any assurances of product characteristics or suitability for certain application purposes. We strongly recommend to obtain expert advice regarding compliance with your local Kronospan representative. Kronospan does not accept any warranties or claims related to this document.

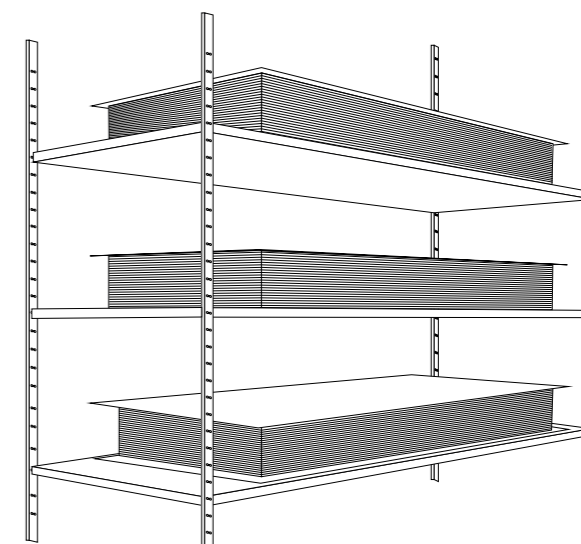
# Maintenance

## Cleaning

Due to their resistant and hygienic surface, Slim Line worktops do not require any special cleaning or care. Spilled substances such as tea, coffee or wine should be cleaned up immediately. When necessary, this should be done with a damp cloth or mild detergent cleaner from the ColorJoint Unika Kit. Abrasive scouring powders, creams and even polishes should be avoided.

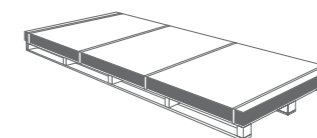
## Transport and handling

Once installed, worktops offer exceptional durability, but during storage their surfaces and edges can be damaged if handled without care. The worktops are supplied with a protective foil, and we recommend to remove dust and larger particles from between the boards. Thicker panels should be stacked at the bottom, lighter panels towards the top, and care should be taken not to over-load the stack. The boards should be secured against slipping, and the protective foil should not be exposed to direct sun or heat.

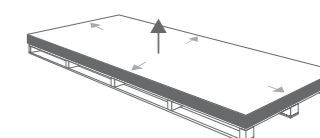


## Storage and conditioning

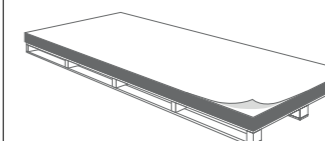
Boards should be stored in a dry and roofed place, at temperature between 15-25°C, relative humidity - 50%, minimum 1,5 m distance from direct heat.



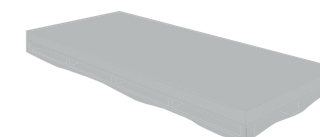
*The Slim Line panels must be stacked horizontally on flat, stable supporting panels. In order to keep the surface untouched, the covering plates must be left on the top of stack. Incorrect storage can lead to permanent deformation of the boards.*



*When loading and unloading, the panels must be lifted. Do not push or pull them over the edge.*



*Do not stack the panels with faulty protection foil. Do not remove the foil before mounting or cutting if the panels will be stored.*



*Keep the pallet securely covered to ensure no dust or dirt can get on or between the panels.*



# Worktop processing

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## Safety precautions

The usual best-practice rules apply when operating machinery – appropriate personal protection and Hi-Vis clothing must be used and tools must be in good condition. The edges of unbevelled boards are sharp, so suitable anti-slip gloves should be worn. Cutting will create dust; protective eyewear and a dust mask are required.

## Tools

MW 1000 work table  
Festool

CTM 26 vacuum cleaner  
Diameter of 40 mm and a carbide milling cutter  
with a diameter of 10 mm

TS 55 REBQ plunger with FS rail

Edge milling machine MFK 700  
Carbide milling cutter

OF 2200 router  
14mm diameter carbide milling cutter

Copying ring  
Diameter of 40 mm and a carbide milling cutter  
with a diameter of 10 mm

Template APS 900/2  
Used for joining worktops

Adjustable protractor FS-KS  
Festool

Domino joining machine  
Carbide milling cutter

Carpentry clamps FS-HZ 160  
14mm diameter carbide milling cutter

Template for connecting Slim Line  
countertops with HPL

Set for mounting the compact top  
Festool



QR code - worktops installation.

## Angled tabletop assembly

### General information

Professional and appropriate assembly of the tabletop is extremely important as an improperly mounted tabletop can get damaged during day-to-day use.

### Thickness

Slim Line worktops are only available in 12 mm thickness.

### Recommendations for installation

It is recommended to store the tabletops in the room where they are to be joined prior to assembly for 24 hours. They should be installed and used in enclosed spaces. Prior to processing, the selected chamfer size should be set on the waste element and a trial chamfering should be conducted.

Before commencing work, you should check whether the tabletop is of appropriate dimensions, without mechanical damage or color defects and differences. If the tabletop is secured with a foil, it should be removed only after assembly.

## Installation instruction

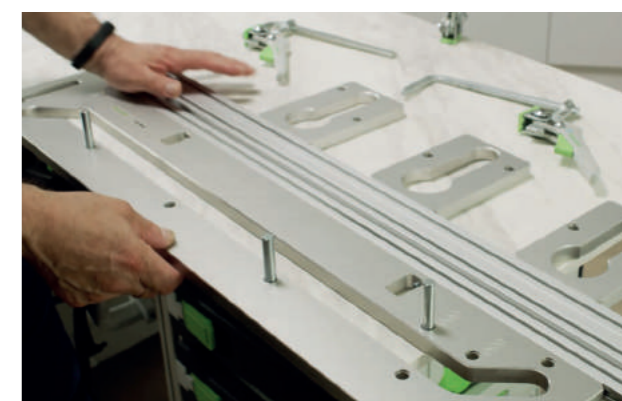
### Pre-treatment

Tabletop preparation should begin with chamfering the upper and lower edge with the MFK 700 with a 45 deg. angle chamfering cutter, except for places where the tabletops meet the wall. Next, the chamfered edges should be sanded with the use of the materials included in the compact tabletop assembly kit.



### Assembly method

Joining the tabletops at a 90 degree angle. Place the tabletop and template in the appropriate positions, place the bolts in appropriate holes to ensure the template is positioned properly, both from the side and from the front. We recommend assembling the tabletop with the OF 2200 milling machine and a Festool APS 900/2 professional template used for joining the tabletops. You can also use a compact tabletop made of HPL.



### Milling

Milling should be done along the template, separating the entire thickness into three passes and the last, finishing, milling. Milling should be started with a setting at 1/3 of the entire material and the machine should be moved to the right side of the table, so it can be passed from right to left. The cutter turns clockwise directing it to the front end of the template. Repeat the activity after increasing the depth to 2/3 of the tabletop's thickness, and later to the full thickness. The last, finishing, milling should be made from left to right - the cutter should be set for the full table top thickness with ca. 5 mm surplus. The first part of the joint is done. Loosen the clamps and put the template on the other tabletop which should be put on the opposite, i.e. left, side.



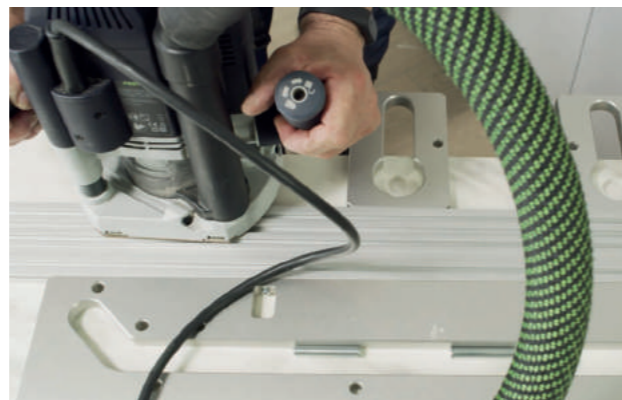
### Milling the second element

In order to mill the second part of the tabletop, also turn the APS 900/2 template on its left side. Like before, use clamps to determine the exact position of the template. Put the template against the front edge and press the bolts to the tabletop. Fix the whole thing using clamps inserted in the template profile. Remember to mill in the right direction, just like before, first, three times from right to left, and the last pass from left to right.



### Grooving

After loosening the clamps and putting the template away, the tabletops can be joined and the quality of the joint can be checked. After proper verification of the joint, move on to making inlets for screw joints. The slots for the joints should also be made using the APS 900/2 template. To mill the places for tabletop joints, place the template on the upturned tabletop. Place the metal bolts in appropriate slots with a space of 18 mm between the bolts and tabletop; the template is now in the proper position for milling. Set the appropriate milling depth on your milling machine equipped with a 40 mm copy ring and a 10 mm cutter and start milling along the template.



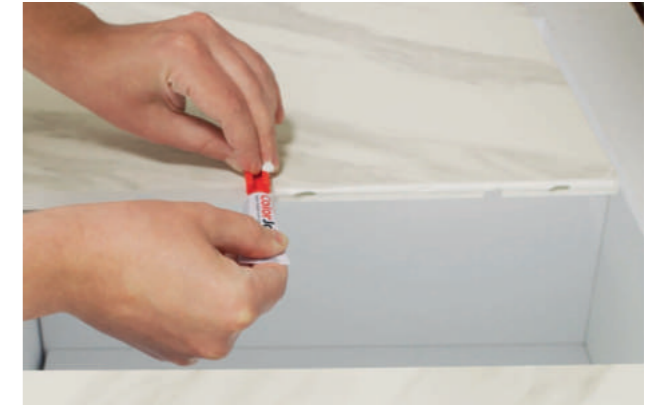
### Joining tabletops in a single plane

If we want the tabletop surface to be aligned in the same plane, mill out slots for Domino joints which will allow their optimum alignment. Mark the places to mill on the joined plates and prepare four slots in each element.



### Joining the tabletop with ColorJoint system

In order to join tabletops perfectly, use the colour-matched ColorJoint seal. It is the single product dedicated for this on the market. It comes in 10 colours to make the seal colour as similar to the tabletop as possible. ColorJoint comes in 20 g tubes which is enough for more than 120 cm of seal. Each joint should be sealed along the entire circumference of the tabletop's cross-section. Before applying the sealant, clean both edges with acetone found in the kit.



Open the ColorJoint tube and attach a special applicator included with every tube. The applicator will help in ideal application of the sealant on the tabletop's cross-section and after joining the tabletops - in scooping up the excess. Apply the sealant along the entire cross-section of one of the joined tabletops. Once the glue is evenly applied, screw the applicator off of the tube.



Now, you need to properly join the tabletops, align them perfectly in a single plane, and tighten the fastening bolts. If too much ColorJoint has been applied to the joint use the other side of the applicator. In order to scoop it up, use the other side of the applicator. Use your thumb to remove excess sealant on the front edge (90 deg. angle).



Remove the remaining sealant from the tabletop surface. To do that, use a cloth to gently wipe the tabletop across the created joint. CAUTION! Do not wipe along the seal, because it may remove the sealant from the gap. All the activities with the use of ColorJoint need to be completed within 15 minutes from opening the tube.

In order to clean the tabletop surface, the "Laminated countertops. Cleaning and care" cleaner can be used. CORRECTLY applied ColorJoint seal ensures 100% airtightness and durability of the tabletop.

The final step is quality control of the tabletop edge, possible adjustments with sandpaper, and an optional application of linseed oil included in the compact tabletop assembly kit.



# Sink processing



## Safety precautions

During machine operations OHS principles need to be followed - appropriate personal protections are necessary and the tools used need to be in good technical condition. The edges of unhampered boards are sharp and therefore, appropriate anti-slip gloves should be worn. Cutting generates dust; use of safety goggles and dust mask is required.

## Tools

MW 1000 work table  
Festool

CTM 26 vacuum cleaner  
Festool

Template supplied with the sink or multifunction  
Festool Template

Edge router with a cutter  
cutter with a diameter of 14mm and 9mm for mounting  
suspended sinks

Upperspindle mill  
14 mm diameter cutter and a 9 mm diameter cutter for  
laminates

Bar clamps FS-HZ 160

Manual installation tools  
Hammer, screwdriver, tape measure, pencil

Compact tabletop assembly kit, in case of  
a undermounted sink

Protective goggles, ear plugs, protective gloves



## Installation of the sink applied to worktops

### General information

The professional and correct installation of the sink is very important, because a wrongly mounted sink can lead to damage during everyday use. Observe applicable health and safety regulations during assembly.

### Thickness

Slim Line worktops are only available in 12 mm thickness.

### Recommendations for installation

It is recommended to store the tabletops in the room where they are to be joined prior to assembly for 24 hours. They should be installed and used in enclosed spaces. Prior to processing, the selected chamfer size should be set on the waste element and a trial chamfering should be conducted.

Before commencing work, you should check whether the tabletop is of appropriate dimensions, without mechanical damage or colour defects and differences. If the tabletop is secured with a foil, it should be removed only after assembly.

## Installation instruction

### Pre-treatment

The tabletop and template should be aligned in the appropriate position, so as the minimum distance from the edge is no less than 40 mm. If the sink is to be mounted near the tabletop joint, the distance from the joint should be 150 mm minimum.

In order to precisely mill the tabletop, use clamps and attach the template on the tabletop. The upper spindle milling machine is ready for use - the 30 mm copy ring and 14 mm protrusion trimmer are ready.



### Milling

Mill along the template dividing the entire thickness into three passes. Milling should be started with a setting at 1/3 of the entire material thickness and the machine should be moved along the inside edge of the template. The machine should be driven clockwise.

Repeat the activity with a setting of up to 2/3 tabletop thickness and then on the entire thickness, moving the cutter below the lower edge of the material.



### Chamfering

After loosening the clamps and putting the template away, chamfer the upper edge of the cut out hole. For this, use the milling machine with a chamfering cutter at a 45 deg. angle with a chamfer depth of 2 mm. Again, move the milling machine clockwise. Afterwards, lightly sand the cut out edge with P180 - P220 sandpaper taking care not to sand the surface as it can permanently damage the tabletop.



### Finishing

Place the sink in the prepared hole, and, depending on the model, put a rubber seal around the edge (if it is not integrated into the sink) or strips of elastic sealant. The sink is attached to the tabletop with latches sold by the sink producer, located along the circumference and screwed on with clamps under the tabletop. After finishing work, it's worth to clean up a bit. Wipe sealant, pencil, marker, and glue traces.

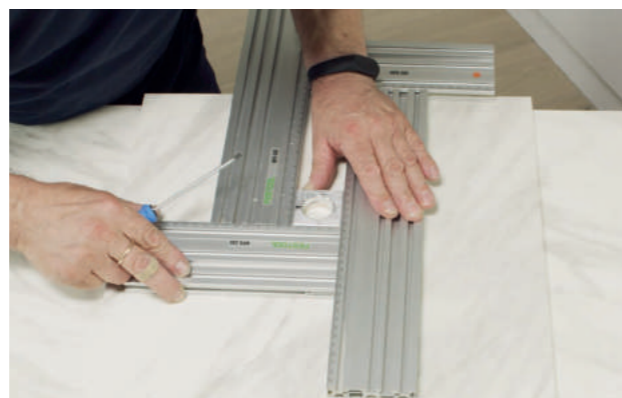


## Assembly of a undermounted sink

### Installation instruction

#### Pre-treatment

First, mark the middle of the hole for the sink and place a template of the appropriate size. Next, drill an 8 mm diameter hole which will be the axis of the cut out circle. Secure the template with tape so as not to damage the tabletop surface by accident. Secure the tabletop on the other side with another plate, so as the circle being cut out does not break off in the final stage of milling.



#### Milling and Chamfering

Turn the tabletop on its left side and start milling the hole for the sink. Next, chamfer the upper edge of the hole. For this, use the milling machine with a chamfering cutter at a 45 deg. angle with a chamfer depth of 2 mm. Again, move the milling machine clockwise. Afterwards, lightly sand the cut out edge with P180 - P220 sandpaper taking care not to sand the surface as it can permanently damage the tabletop.



#### Marking

Mark the places where the holes for the brass pegs included in the compact tabletop assembly kit are to be milled. Mill wholes with 9 mm width and 10 mm depth. Put in the pegs and use sealing resin color-matched to the tabletop included in the GABER installation package.



#### Finishing

Spread the resin evenly on the surface next to the edge of the cut out hole. Attach the sink to squeeze out excess resin and align the sink evenly. Tighten the clamps with screws included in the installation package and remove excess resin with a clean cloth. Repeat the same on the right side of the tabletop. After the resin hardens, secure the cut-out edge of the tabletop using oil included in the installation kit.



## Accessories

### ColorJoint

#### Kit

ColorJoint is a new colour matched adhesive and sealant for worktop joints, splashbacks and upstands. It could also be used for undermount sinks fixing, sink cut outs sealing and for end pieces where the raw particleboard is exposed. ColorJoint belongs to the latest generation of polymer technology, with strong and high performance.

#### Measuring and cutting

A circular saw should be used to cut worktops to length where the cut edges are to be fitted against walls and remain unexposed. Where cut edges are to be exposed and visible the circular saw can be used to cut the worktop to within 3 mm of the cut length required then the remaining 3 mm should be trimmed using a router. This will ensure a nice clean cut. When using either circular saw or router it is important to always use a sharp blades as this will reduce the risk of chipping. For the circular saw, worktops should always be scribed and cut from the reverse side (worktop face down). Cut edges should be dressed once cut using the sanding sheets supplied in the kit. Starting with the 180 grit and moving on to the 240 grit and then 320 grit nylon pad, light, even pressure should be applied to the cut edges in order to remove any machining marks or burrs.

#### Undermounted sink

Where under mount sinks are to be fitted it may be necessary to fit sink clips. Compact worktops must not be screwed into directly as this may result in the worktop splitting. In the installation kit are 10 x brass spreader dowels and roofing bolts and these should be used during the installation of under mount sinks and their mounting clips.

Firstly mark the fixing positions of the clips on the reverse side of the worktop then using a 9 mm diameter drill with a depth stop set between 9 and 10 mm drill out the selected number of holes. Once this is complete the brass spreader dowels should be pushed in so that they sit flush to the underside of the work surface. The roofing bolt should then be placed through the sink clip and through the threaded washer into the brass spreader dowel and tightened with a screwdriver.

#### Finishing

Once the worktop is fixed in place and the rest of the installation is complete, all exposed/visible edges should be treated with the linseed oil. This should be applied thinly with a cloth and will ensure that the exposed core of the worktop appears glossy with a high lustre.

## Accessory suppliers

### UNIKA Verkaufsbüro Deutschland

Isestrasse 109  
20149 Hamburg  
Germany  
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[www.unikaprodukte.de](http://www.unikaprodukte.de)

### UNIKA Italia

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Italy  
T +39 049 9387307  
[www.unika-italia.it](http://www.unika-italia.it)

### Unika House

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Newcastle upon Tyne  
NE27 0QF  
T +44 (0)191 259 0033  
[www.unika.co.uk](http://www.unika.co.uk)

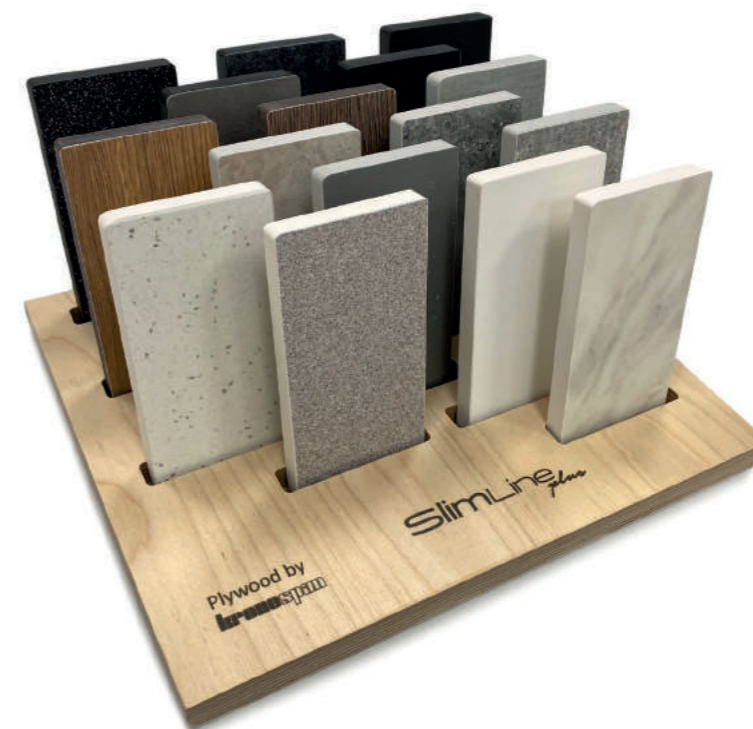
### Sklep Gaber

ul. Opolska 126  
46-380 Dobrodzień  
Polska  
T +48 34 3575 053  
[www.sklep.gaber.info.pl](http://www.sklep.gaber.info.pl)



#### Kit Contents:

- 1 x 20g Tube ColorJoint (Colour To Match Worktop)
- 1 x ColorJoint Applicator Tool
- 1 x 20ml Bottle of Acetone
- 3 x No.20 Jointing Biscuits
- 1 x 20ml Bottle of Linseed Oil
- 10 x Brass Spreader Dowels
- 10 x M6 x 10mm Roofing Bolts
- 3 x Toggle Bolts (Worktop Connector Bolts)
- 1 x 3mm Hex Key
- 2 x 180 Grit Sandpaper Sheets
- 2 x 240 Grit Sandpaper Sheets
- 1 x Nylon finishing pad (320 Grit approx)
- 1 x Drill Bit with depth stop



#### Stand

#### Disclaimer

The information provided in this document is for general information purposes only. Not all systems mentioned and presented in this document are suitable for all applications and areas. All customers and third parties are obliged to inform themselves in detail about Kronospan products and their suitability for specific purposes. We also strongly recommend that you and all other users of this document seek independent professional advice regarding compliance with local planning and application requirements, applicable laws, regulations, standards, guidelines and test standards. Technical details and print errors are subject to change.







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