



Senses
WORKTOP SOLUTIONS

Matching kitchen worktops, splashbacks, upstands & breakfast bars



Senses

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Featuring slimline square cut finishes, Rearo's Senses range offers a modern style solution for your kitchen surfaces.

Offering a complete range of matching worktops, splashbacks, upstands and breakfast bars, our décors have been hand selected by our Head of Design to ensure that the finishes we have on offer are not only great for now, but future proofed for a minimum of three years.

With over 30 years experience in laminates, we ensure that our products offer the best in quality and appearance - specialising in authentic stone and wood textures.

And, for added peace of mind, all goods are supported by a comprehensive 10-year guarantee.



Valley Oak



Worktops

Length	4100mm or 2000mm
Width	640mm
Thickness	29mm
Edge	Square Edge

Breakfast Bars

Length	4100mm or 2000mm
Width	900mm
Thickness	29mm
Edge	Square Edge

Splashbacks

Length	4100mm or 2000mm
Width	1200mm or 600mm
Thickness	8mm
Edge	Square Edge

Upstands

Length	4100mm or 2000mm
Width	100mm
Thickness	18 mm
Edge	Square Edge

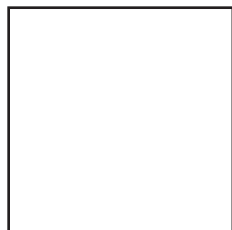
With five separate palettes, our Senses laminate range offers an abundance of design options for your kitchen - from rustic country styles, to neutral and understated, as well as modern and contemporary options.

FENIX®

For further details regarding the technical properties of Fenix worktops, please see page 11

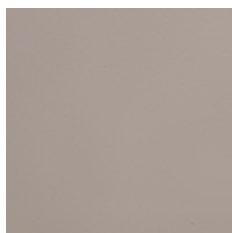


Nero Ingo
0720 NTM

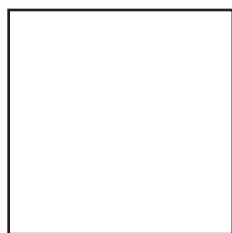


Bianco Kos
0032 NTM

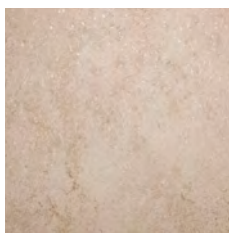
Neutral Palette



Grigio Alpaca
0616 R



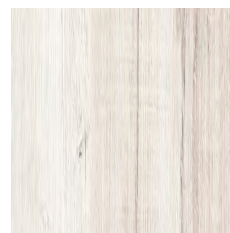
White
0103 ST21



Porfido Chiaro
3327 MIKA

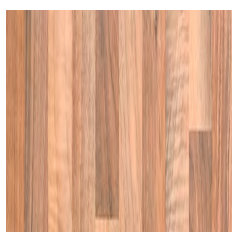


Dyonisus
0L07

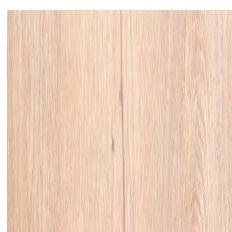


Rovero Rock
A585 ALV

Country Palette



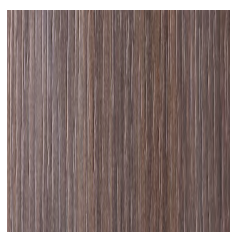
Natural Walnut
7373 ST57



Valley Oak
5103 ST88



Rovero Wafer
4584 ALV



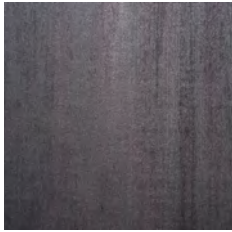
Noce Canya Dark
4616 ALV



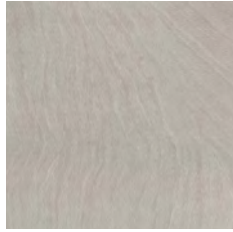
Rovero Fumo
4511 ALV

Designed to integrate and complement one another, all décors are available as a worktop, splashback, upstand and breakfast bar to allow for a matching aesthetic.

Industrial Palette



Hipster Carbon
3394 FL



Caribe Bianco
3354 LUNA



Copperfield
5423 ST21



Etna Grey
5413 Q

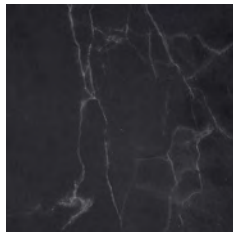


Etna Blue Grey
5403 Q

Luxe Palette



White Yule
3449 KER



Black Kandia
3452 KER



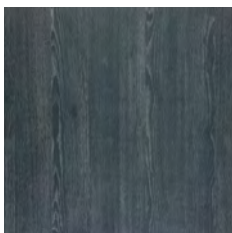
Hipster Copper
3393 FL



Aphrodite
OL00



District Grey
5415 ST99



Rovero Carbone
4517 ALV

We cannot guarantee that this print accurately represents these products' colours/textures and we recommend that you request a FREE physical sample to see how it looks and feels in your own home. Simply order via the product pages at www.rearo.co.uk or email sales@rearo.co.uk



Worktop Décor: Grigio Alpaca



Worktop Décor: Rovero Wafer
Flooring: Clixéal Black Slate
Tile Splashback: Black Brick



Worktop Décor: District Grey
Tile Splashback: Grey Brick



Worktop Décor: White Yule



Splashback Décor: Porfido Chiaro
Worktop Décor: Nero Ingo
Flooring: Clixéal Jura Carrera Marble & Black Slate

FENIX®



Anti-fingerprint



Scratch resistant



Thermal healing properties



Soft touch, opaque finish



Low light reflectivity

FENIX® premium laminate worktops

Extremely opaque, soft to the touch and anti-fingerprint, FENIX® laminates offer some of the best aesthetics in modern kitchen design.

A luxury worktop surface, FENIX® features premium thermal healing properties for superficial micro-scratches - ensuring the look of your chosen design will not be affected by general wear and tear.

Within our Senses range, we stock two classic finishes - a matte black and crisp white design.

Extremely versatile in regards to styling, both looks ensure that your worktop will complement any design changes you may have planned for your kitchen units or fittings - meaning your investment will stand the test of time.

Matching upstand, splashback and breakfast bar worktop also available to buy.



Please note: FENIX® properties are only applicable to our Nero Ingo and Bianco Kos décors.

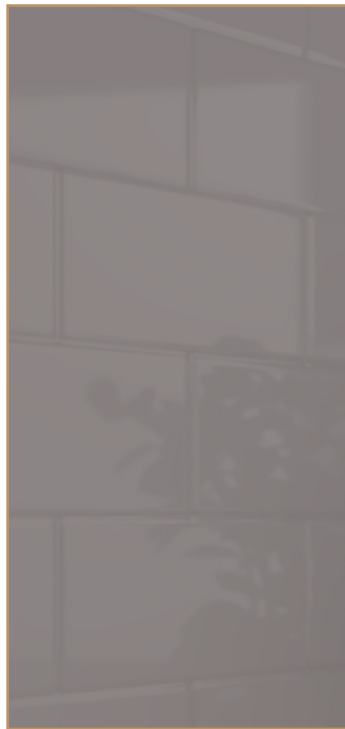
Splashback Décor: White Brick
Worktop Décor: Noce Canya Dark



Tile Effect Splashbacks



White Brick



Grey Brick



Black Brick

In addition to our matching splashback designs, we also offer a complementary range of tile effect finishes for our full Senses kitchen worktop range.

Made from compact grade laminate, these décors feature built-in grout lines to give the impression of tiles, without any of the maintenance requirements.

Their landscape format makes them easy to install and gives a seamless look across the length of your worktop, without the requirement for any joins.

For a more extensive range of tile effects, make sure to browse our Versatile Shower Panel range. These portrait format designs are primarily suited to bathrooms, however can be used in kitchen applications - further details of which can be found on page 15.

Length	2440mm
Width	1220mm
Thickness	3mm
Core	Compact Grade
Edge	Square Edge

A full comprehensive step by step installation and maintenance guide is available to download in pdf format directly from www.rearo.co.uk/documentation. For quicker access, please scan the QR code to the right with your mobile phone camera.

Should you require any further assistance please contact a member of our customer service team via sales@rearo.co.uk or phone 0141 440 0800.



Installation aids & accessories

To assist our customers during the installation process and to protect worktop surfaces post-install we stock a variety of aids and accessories both in-store and online at www.rearo.co.uk

- **Colorfill colour match sealant** - bespoke matched to each of our décors to ensure a seamless finish when sealing cut-outs or joints.
- **Self-adhesive protector rods** - stainless steel rods to protect work surfaces from pots and pans. Available in 30cm and 45cm lengths.
- **Unika gloss multi surface cleaner** - Suitable for high gloss surfaces, glass, chrome, this cleaner is clinically proven to kill 99.99% of bacteria and also prevents the build-up of dust in kitchen areas.
- **Unika multisurface worktop jig** - Creates a perfect curved worktop and includes 10mm and 23mm inset options for neater modern joints. 4 x bolt slots for standard and slimline bolts. 35mm cut-out for hinges and other apertures.
- **Unika Easibolt & biscuit pack**- A key feature in any kitchen installation, EasiBolt will provide a secure join between two mitred worktops.
- **Worktop edging strips** - To finish exposed cut edges, we stock matching pvc laminate strips for all of our décors to ensure a professional looking finish.
- **Unika worktop adhesive tape** - Used during the application of worktop edging strips. Pre-adhesed, this tape avoids the requirement for messy glues or similar material
- **Unika mitre pen kit** - Used during the application of worktop edging strips. A two part system, this kit includes x1 Activator MitrePen and x1 50g MitreBond adhesive.

Complementary Ranges

Complete the look of your kitchen with any of our complementary ranges, covering all surfaces from floor to ceiling - including PVC ceiling panels, click vinyl flooring and alternative splashback options.

Individual brochures for all ranges listed are available to download from www.rearo.co.uk/documentation

Offering 25x the impact strength of glass, our **Zenolite Acrylic Splashbacks** give the same mirror finish, however offering higher scratch resistance - making them a premium solution for your kitchen space.

One panel measures 2670mm x 760mm x 4mm



Our flagship range, our **Selkie Laminate Wall Panels** are primarily for bathroom use - however they are suited for kitchen splashback application.

Choose from over 30 décors in either a plywood or MR MDF core, with square edge and tongue and groove options available.

One panel measures 2420mm x 1200mm x 11mm



Completely waterproof, our **Ancona PVC Ceiling Panels** are designed with a built-in tongue and groove system to make ceiling applications seamless.

Easy to cut and lightweight, led lighting can be easily fitted.

Available in lengths of 4 m and 2.7 m, we offer five décor options.



Available in either a tile or plank format, our **Clixéal Click Vinyl Flooring** offers authentic stone and wood grain finishes with a simple click install system.

With built-in underlay and water resistant properties it is the perfect solution for both bathrooms and kitchens.

One pack will typically accommodate between 2.02sqm and 2.2sqm.



Giving the impression of tiles without the maintenance requirements, **Versatile Tile Effect Wall Panels** are ideal for those looking for a hint of traditional kitchen style.

Primarily used in bathrooms, these panels are completely waterproof and can withstand excessive temperatures.

One panel measures 2440mm x 1220mm x 3mm.





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29 Loanbank Quadrant, Govan, Glasgow, G51 3HZ

T: 0141 440 0800 E: sales@rearo.co.uk

Shop with us online at www.rearo.co.uk

Rearo – Rosyth
Unit 15 & 16
Primrose Lane
Dunfermline Business Park
KY11 2SF

T: 01383 414000
E: rosyth@rearo.co.uk

Rearo - Washington
Unit 15, Tilley Road
Crowther Industrial Estate
Washington, Tyne & Wear
NE38 0AE

T: 0191 482 2298
E: washington@rearo.co.uk

Rearo - Northampton
5 Britannia Trade Park
Northampton
NN5 7UA

T: 01604 212 559
E: northampton@rearo.co.uk



Senses
WORKTOP SOLUTIONS

Senses laminate worktops, upstands & splashbacks installation and maintenance guide

This guide will assist both experienced tradespeople and DIY enthusiasts with the installation of their Senses Laminate kitchen worktops, splashbacks and upstands.

These step-by-step guides cover the basics from preparation and cutting, through to edging and maintenance. However, they are not extensive and we advise you to read them carefully before you begin.

If you have any further queries, please get in touch with a member of our Customer Service team via sales@rearo.co.uk or phone 0141 440 0800.

Please note: All goods must be checked upon delivery for damage or defect prior to fitting. Rearo Laminates Ltd will not accept liability for any goods once they have been signed for.

GETTING STARTED

Tools & Materials

Here's everything you'll need to install your Senses Laminate worktops:

- Pencil
- Measuring tape
- Circular saw or hand saw
- Dust mask
- Safety goggles
- Drill
- G clamps
- Straight edge
- Handheld router
- Unika Mitre Pen Kit/Worktop Adhesive Tape
- Laminate trimmer (or similar utensil)
- Small filing tool
- Colorfill colour match sealant

For applications of two worktops or more:

- Jointing biscuits
- Jointing bolts

Important!

Laminate kitchen worktops must only be installed once wet trades have completed works and sufficient time has been allowed for the kitchen area to dry out. It's vital that worktops are dry fit as moisture ingress can damage the chipboard core and affect the appearance of your worktops.

Storage & Preparation

Once you have your delivery time slot confirmed, you should make sure that a dry, clean and frost-free area has been cleared within your home to allow your worktops to be stored safely.

This will need to accommodate both the length and width of your worktops, as they will need to be laid flat (resting on a wall can cause bowing) for a 24-hour acclimatisation period. The

temperature in this area should be stable throughout.

If you have more than one worktop, we recommend putting packers in between each item to bear the load and minimise the amount of space you require to hold your goods. This should also make it easier to pick individual items. (see fig.1)

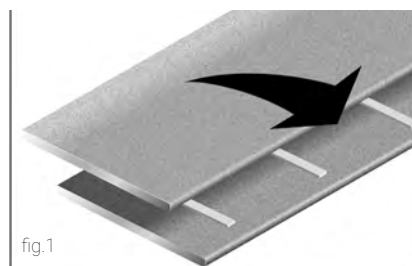


fig.1

Cutting to size

Tips for Safe and Successful Cutting

1. Before proceeding with any worktop amendments, we advise you to wear both safety goggles and a dust mask to prevent inhaling any dust particles or restricting your eyesight.
2. To begin marking out your required shape and size for installation, we recommend flipping your worktop onto the reverse so that the decorative face is placed downwards and to use your pencil and measuring tape to indicate where the cut is to be made.
3. For a professional looking finish, we recommend using a straight edge and/or g clamps, alongside using either a portable power saw (decorative face down) or hand saw (decorative face up). Please refer to fig.2 and fig.3



fig.2



fig.3

Making Cut Outs

- To begin cutting, use the largest diameter setting available for your drill to mark out corner areas.
- We recommend a minimum 12mm drill bit. (see fig. 4)
- Once marked out, use a portable hand router or jig saw to cut out the remainder of the shape (see fig.5)



fig.4



fig.5

Tiles

- If applying your kitchen worktops against a wall with existing tiles, please ensure you leave a space of at least 3mm between the worktop and the bottom row of tiles. This will allow for easy removal of the worktop if necessary.
- An upstand or bed of silicone sealant can then be used to seal this gap

Pipe Holes

- For any pipework within your kitchen, a 2-3mm allowance for expansion/contraction should be given around the pipe.
- This gap can then be easily filled with our bespoke Colorfill colour match sealant to match and complement your worktop (see fig.6).



Dishwashers & Washing Machines

- When installing a dishwasher or washing machine, please ensure a protective moisture barrier is fitted correctly to the underside of your worktop.
- This will be installed in the same style as fig. 7

Hobs & Ovens

- To protect the worktop underside from radiant heat, we recommend using a heat reflective sheet.
- These can be purchased directly via www.rearo.co.uk (see fig. 7)



Sinks

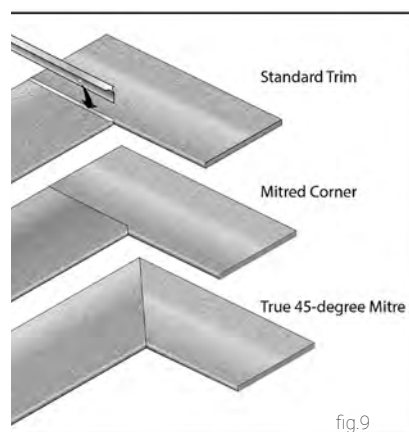
- For cut outs with the intended purpose of a sink install, exposed raw chipboard should be treated with a waterseal or varnish to protect the worktop core from moisture.
- We also recommend using the purpose made gasket, often supplied with the sink, or seal around the perimeter of the sink with silicone prior to installation (see fig.8).



Jointing of Worktops

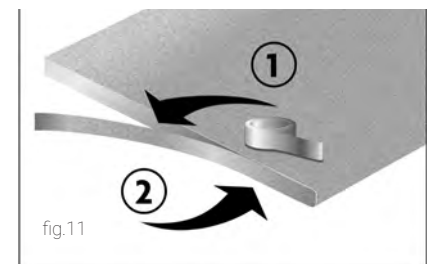
- Referring to fig. 9, there are three main methods by which to join two panels together – these include a standard profile trim, mason's Mitre joint and 45° traditional Mitre.
- A mason's mitre will require the use of jointing bolts and biscuits to secure the worktops in place and colour match sealant to provide a seamless edge. All of these are available from www.rearo.co.uk
- Individual fitting instructions can be found with all of the listed items.

Please note: Joint areas on a worktop surface are more vulnerable to moisture ingress and so due care must be taken to protect them. We recommend you avoid placing electric kettles or tea pots over such areas and to use a protective mat where possible.



Edging Strips

- Laminate kitchen worktops are supplied with one long edge lipped as standard, with an additional 2 metre laminate edging strip provided with your purchase.
- ABS (acrylonitrile butadiene styrene) edging is available to buy separately. This is a higher spec to our supplied offering. It shares similar properties to PVC and is abrasion resistant, impact resistant, mechanically, and thermally resilient. Whichever option you select, both are applied in the same way.
- Before you begin application, always ensure the worktop is completely free from dust.
- Using either our Unika Mitre Pen Kit or Unika worktop adhesive tape, apply the product to both the exposed worktop edge and edging strip (see fig. 10 & 11).



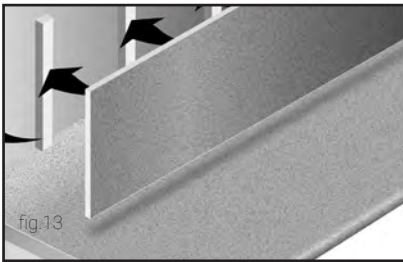
- Allow the product to set and trim any excess off using a laminate trimmer or sharp knife, then file the edge until smooth and flush with the worktop (see fig.12).



Preparation of wall area

Before applying any splashback to your kitchen walls, you must ensure that they are free from damp, dust and completely flush.

If conditions don't suit the above terms, then walls should be covered with a vapour barrier and timber batons used to frame out the wall until level (see fig. 13).

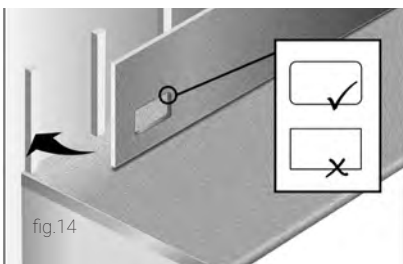


Cutting

- Once you are sure of the required length and width of your panel, mark the reverse of your splashback with decorative face down and clamp a straight edge in place.
- Using the straight edge as a guide, position your hand saw (decorative face up) or power saw (decorative face down) against it and cut through the board.
- Please refer to fig. 2 and fig.3

Internal Cut Outs & Apertures (sockets)

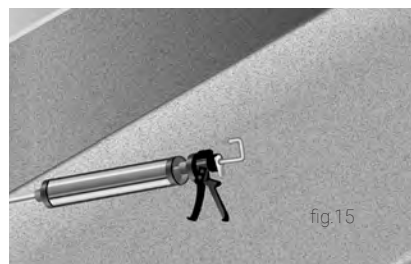
- Whenever a cut out is made with the splashback, always ensure that the internal corners are radiused (min 6mm), as opposed to straight cut, as this will prevent the likelihood of stress cracking (see fig.14).



- To achieve this detail, use either a portable hand router with jig or a combination of an electric drill and jig saw (see fig.4).
- Mark out the area with the splashback's decorative face up and drill a hole (recommended 6mm) in each of the four corners.
- Then turn the panel onto the reverse side and mark a straight line from hole to hole, tracing over with a handheld router.
- When joining splashbacks together at exposed external edges, we would recommend purchasing our Senses edging strips to finish the panel. Please refer to the guidelines in our worktop section (see fig.12-14).
- Alternatively tile trims can also be used to cover external sections.

Fixing the Splashback to the Wall

- Once cut to size, the splashback can be fixed to the wall using Rearo panel adhesive.
- The splashback should be suspended up from the worktop by 3mm until the panel adhesive takes hold.
- The void between the worktop and splashback can then be filled with silicone sealant. See fig.15
- **Please note: If installing a kitchen splashback behind hob areas, there should be a minimum gap of 50mm between the appliance and the edge of the laminated splashback face to allow for expansion, cooling air circulation and easy extraction/installation of the cooker.**



Internal/External Corner Details

- When joining splashbacks together at an internal section, again a 3mm gap should be left between and filled with Colorfill colour match sealant. This will allow for expansion and contraction due to climatic changes.

Preparation

Before applying your upstand to any kitchen wall area, please ensure that the wall is flush and free from any residue, amending where required prior to application.

See fig.15 if you need to amend your wall.

Cutting

- Using your worktop as a guide, measure your upstand to the required length and mark the product on the reverse side (non-decorative).
- For a professional looking finish, we recommend using a straight edge and/or g clamps, alongside using either a portable power saw (decorative face down) or hand saw (decorative face up).
- Around corner areas, we recommend cutting both your upstand ends to 45 degree mitre to ensure a watertight seal.

Fitting to Wall

- Once cut to size, fix your upstand to the wall with panel adhesive. Seal the areas where the upstand meets the worktop, and where the upstand meets the wall with Color-fill colour match sealant.
- If fitting behind hob area, always refer to the manufacturer guidelines to check the minimal clearance advised to prevent any damage to the product. The minimum recommended distance from a hob is 50mm for a laminated panel.
- A glass splashback could be used as an alternative if you cannot achieve the minimum distance of 50mm.

Edging

- On exposed external edges, we would recommend purchasing our Senses edging strips to finish the panel. Please refer to the installation guidelines advised in our worktop section (see fig. 12-14).
- Alternatively tile trims can also be used.

To keep your laminate kitchen worktops, upstand and splashbacks looking their best, we recommend that all end users follow the guidelines below.

Cleaning

- General cleaning of any laminate surfaces typically only requires a damp cloth and mild detergent or non-abrasive cleaner diluted in warm water.
- Abrasive scouring powders, creams and polishes should all be avoided.
- If the worktop is textured, we recommend a small nylon brush to ensure a more thorough clean.
- For gloss surfaces, we stock Unika gloss surface cleaner, available to buy in-store and online at www.rearo.co.uk – this kit includes a soft cloth to buff.

For more heavy duty spillages:

Animal and vegetable fats, sauces, blood, eggs, smoke, gelatine, vegetable and vinyl based glues, organic waste & gum arabic	<ol style="list-style-type: none">1. Remove the initial spillage with kitchen roll.2. Remove any stain with a mild detergent and damp microfibre cloth.3. Rinse thoroughly with a damp cloth.
Hairspray, vegetable oil, biro and felt tip pens, wax, foundations and greasy make-up residual, solvent marks, nail polish, spray lacquer, linseed oil, neoprene glues, traces of silicone & lime desposits	<ol style="list-style-type: none">1. Remove the initial spillage with kitchen roll soaked in nail polish remover (acetone).2. Remove any stain with a mild detergent and damp microfibre cloth.3. Rinse thoroughly with a damp cloth.

For further details, read our blog post on caring for your white laminate worktops – this provides all the basic tips to keep your laminate looking as good as new.

Heat protection

- Never place objects from the oven or hob directly onto the laminate surface, since this may lead to blistering.
- Self-adhesive protector rods are available to buy directly from www.rearo.co.uk to avoid such issues.
- Due care should also be given by smokers – always use ash trays for cigarettes.

Scratching

- Cookery items, kitchen utensils and other objects sliding across the laminate surface will produce fine scratches in the laminate. Our worktops are protected by a melamine layer, however this is to be expected with general wear and tear.
- Significant damage can be caused with knives, so we always advise to use a chopping board for preparing food.

Moisture

- Moisture will not harm the laminate surface, as this is naturally water resistant. However we advise wiping away any spillages as soon as possible, most critically around joints and cut-outs.
- Ensure that all inset appliances are properly sealed with a suitable waterproof silicone sealant.

All laminate goods within the Senses kitchen surfaces range are supported by a 10-year guarantee, subject to the correct use and implementation of the installation methods given within this guide.

Failure to adhere to these instructions will result in your guarantee becoming null and void.

Should you have any queries regarding your product(s), please get in touch with a member of our customer service team via sales@rearo.co.uk or phone 0141 440 0800.



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29 Loanbank Quadrant, Govan, Glasgow, G51 3HZ

T: 0141 440 0800 E: sales@rearo.co.uk

Shop with us online at www.rearo.co.uk

Rearo – Rosyth
Unit 15 & 16
Primrose Lane
Dunfermline Business Park
KY11 2SF

T: 01383 414000
E: rosyth@rearo.co.uk

Rearo - Washington
Unit 15, Tilley Road
Crowther Industrial Estate
Washington, Tyne & Wear
NE38 0AE

T: 0191 482 2298
E: washington@rearo.co.uk

Rearo - Northampton
5 Britannia Trade Park
Northampton
NN5 7UA

T: 01604 212 559
E: northampton@rearo.co.uk

MAINTENANCE & CLEANING INSTRUCTIONS

EVERYDAY MAINTENANCE AND REMOVAL OF COMMON STAINS

As with any other material for interior design, a FENIX® surface should be cleaned regularly. It does not require any special maintenance, just a damp cloth with warm water or a mild detergent. Almost all regular household cleaning products or disinfectants can be safely used. For the most common stains, you can simply clean the surface with warm water using a non-abrasive cloth. Tougher stains can be removed with non-abrasive household cleaners or solvents. For older, dried or caked-on stains, use a magic sponge or soft cloth to remove them. After using any solvents, we recommend rinsing the surface with warm water and a mild detergent. Always rinse thoroughly to remove the detergent with clean water, preferably warm.

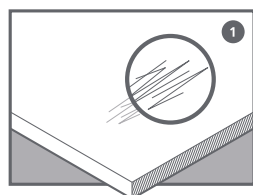
STUBBORN STAINS AND MINOR SCRATCHES

FENIX surfaces have a unique non-porous external layer, allowing you to keep it neat with simple, everyday care and cleaning methods. In case of stubborn stains, we recommend the use of a specific cleaning agent (as per the table reported on next page) to remove any trace of the stain. In case of micro-scratches, please refer to the MAINTENANCE INSTRUCTIONS for the surfaces as illustrated below.

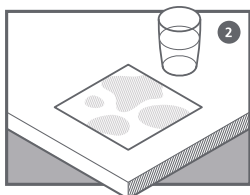
RINSE AFTER CLEANING AND MAINTENANCE

After cleaning or after using the magic sponge, rinse thoroughly with clean water, preferably warm, to remove any detergent, solvent or any other cleaning agent residual.

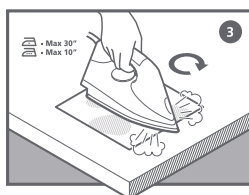
MAINTENANCE INSTRUCTIONS IRON



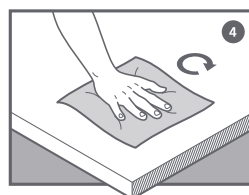
Superficial defects caused by micro-scratches.



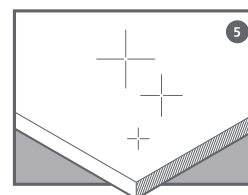
Place a dampened sheet of kitchen roll over the area where the micro-scratches can be seen.



Place the hot iron on the surface, that needs repairing. Do not leave the iron on the surface for more than 10 seconds at a time.

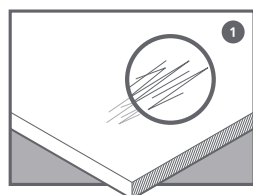


Rinse the repaired area with lukewarm water and a microfibre cloth.

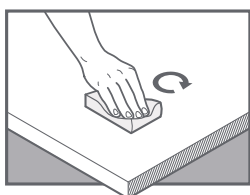


The surface should now be healed.

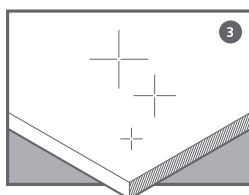
MAINTENANCE INSTRUCTIONS MAGIC SPONGE



Superficial defects caused by micro-scratches.



Rub the magic sponge on the area where the micro-scratches can be seen. The sponge can be used dry or slightly damp.



The surface should now be healed.

USEFUL CLEANING ADVICE

For the best results when cleaning FENIX, it is important to remember the following advice:

- although very resistant, a FENIX surface must still never be treated with products containing abrasive substances, macroabrasive sponges or unsuitable materials such as sandpaper or steel wool;
- strongly acidic or alkaline products should be avoided because they can stain the surface;
- bleach and heavily-chlorinated products should be avoided because they can degrade the surface. Sodium hypochlorite should be used at concentrations lower than 5%, and for no more than 5 minutes at a time, then rinsed off with a sponge or towel;
- hydrogen peroxide at concentrations lower than 3% should be carefully rinsed off. For concentrations higher than 3%, we recommend avoiding leaving this solution in contact with the surface for more than 10 minutes at a time, and the surface must be thoroughly rinsed with a non-abrasive sponge and then dried well;
- when using solvents, the cloth used must be perfectly clean so as not to leave marks on the FENIX surface. Any marks may, however, be removed by rinsing with hot water and drying well;
- do not use furniture polishes or wax-based cleaners in general, because they tend to form a sticky layer on the FENIX surface that attracts and traps dirt;
- do not use metal scrapers, iron brushes or any other metal tool to remove stains, paint, plaster or other substances from the surface.



CATEGORY	TYPE OF STAIN	AGE		
		LIGHT	MODERATE AND RECENT	STUBBORN
EVERYDAY DIRT	Dust, dirt in general, mixed dust and grease.	1	2	2
	Fingerprints, nicotine stains, rubber marks.	3	4*	4*
	Traces and marks of limescale, rust.	2	5	5
	Black smoke.	2	2	2
FOODS & DRINKS	Syrup, fruit or vegetable juice.	1 or 2	2	2
	Sugar syrup, jam, caramel.	1 or 2	2	2
	Spirits, milk, tea, coffee, wine, beer.	1 or 2	2	2
	Animal and vegetable fats and oils.	3	4*	4*
	Sauces, eggs.	3	4*	4*
	Gelatin, organic residues, gum arabic.	2	2	2
CLEANERS & POLISHES	Detergents, soap.	1 or 2	2	2
	Furniture and floor polish.	3	3	4**
	Shoe polish.	3	3	4**
PAINTS & INKS	Pencil marks and chalk.	1	2	2
	Pen ink and markers, tar.	4**	4**	4**
	Synthetic oil paint.	9+10	10	10
	Watercolour paint, colours and adhesive soluble in water or in aqueous dispersion (vegetable and vinyl).	2	2	2
	Graffiti, paint spray, paint, etc.	9+12	12	12
COSMETICS	Lipstick.	3	3	4**
	Hairspray, foundation, face powder.	4**	4**	4**
	Nail polish.	9+4**	4**	4**
SOLVENTS	Halos, often as a result of use of solvents.	4***	4***	4***
	Solvent inks for print.	4**	4**	4**
WAX	Candle wax, paraffin wax, plaster-based waxes (tailoring).	3	11	11
SILICONES RESINS & GLUES	Silicone mastics, silicone-based products.	6	6	7
	Residues of acrylic adhesives or vegetable gum after the protective film has been removed.	12	12	12
	Two-component paints, glues and adhesives.	4**	4**	7
	Synthetic resins.	4**	4**	7
	Neoprene glue.	9+4*	4*	4*
ORGANIC FLUIDS	Body fluids and hospital dirt (cells, dermis, germs, bacteria, blood, urine).	8	8	8

CLEANING INSTRUCTIONS - KEY

- Use a soft cloth or paper towel, either dry or dampened with water.
 - Use warm water (up to 35-40°C) and a kitchen degreaser (or a limescale remover in case of limescale), leaving it to work until the dirt starts to loosen.
 - Initially use a dry soft cloth or paper towel. Then use warm water (up to 35-40°C) and a kitchen degreaser, leaving it to work until the dirt starts to loosen.
 - * Use a dedicated solvent*, then use warm water (up to 35-40°C) and a kitchen degreaser, leaving it to work until the dirt starts to loosen.
 - ** Use a dedicated solvent**, then use warm water (up to 35-40°C) and a kitchen degreaser, leaving it to work until the dirt starts to loosen.
 - *** Use a dedicated solvent***, then use warm water (up to 35-40°C) and a kitchen degreaser, leaving it to work until the dirt starts to loosen.
 - Use detergents containing acetic acid or citric acid at up to 10% concentration. Rinse with plenty of warm water. If you use descaling agents for domestic use, rinse immediately.
 - Immediately wipe away any residue with water or suitable solvents before the stain sets. Check the product instructions or contact the manufacturer for more details. For silicone, use suitable solvents.
 - After it hardens, try removing it rubbing with dry towels and, using wooden or soft plastic (e.g. Nylon) spatulas to scrape it off without causing abrasions or scratches.
 - After using warm water (up to 35-40°C) with soap or a mild household detergent, leaving it to work until the dirt starts to loosen, wash with disinfectant detergents or simple disinfectants that are on the market or prescribed by health practices. Follow the instructions. Steam can also be used for this type of dirt.
 - Immediately use a dry soft cloth or paper towel.
 - Use trichloroethylene or nitro solvent, then use warm water (up to 35-40°C) and a kitchen degreaser, leaving it to work until the dirt starts to loosen.
 - After it hardens, try removing it with dry towels and with a physical approach, using wooden or soft plastic (e.g. Nylon) spatulas to scrape it off without causing abrasions or scratches. In the case of wax, place a paper towel over the affected area, heat with an iron, then peel away until completely removed.
 - Use alcohol on metal surfaces. For other surfaces, use acetone or, if the stain is especially stubborn, commercial solvents specifically used for removing graffiti ****.
- Then use warm water (up to 35-40°C) and a kitchen degreaser, leaving it to work until the dirt starts to loosen.
- * Gasoline, turpentine, white spirit, trichloroethylene, perchloroethylene, trichloroethane especially for neoprene glues, alcohol.
 ** Acetone or nail polish remover, gasoline, turpentine, white spirit, trichloroethylene, perchloroethylene, trichloroethane especially for neoprene glues, alcohol.
 *** Alcohol.
 **** The offending items can be easily removed if they are soluble in water, otherwise use organic solvent or special graffiti cleaner.

DISCLAIMER. This document gives general recommendations on how to enhance a qualitative cleaning and maintenance of the products. This document serves as a general guide to good practice and constitutes no form of warranty or representation as to fitness for purpose in respect of the products and processes described in it. Any information or products contained within this document must be verified and tested for suitability by the user for his or her particular purpose or specific application. Consideration needs to be given to local or specific circumstances. The content of this document reflects our knowledge and experience at the time of publication. The newest version of the document replaces all previous versions. We advise that the newest version may contain technical changes that must be taken into account when using the products. The latest version of the document may be consulted on our website. Customers should always check whether an updated version of the document is available. Any warranty on the products may be voided if the (contents of the) latest version of this document, which may be updated from time to time, is not (properly) followed. We have made every effort to ensure the accuracy of the information in this document, but we cannot be held liable for any oversights, inaccuracies or typographical errors.

SOLID FENIX NTM® WORKTOP

INSTALLATION AND MAINTENANCE GUIDE

Technical data sheets and other relevant guidelines for FENIX® are available to download from the FENIX® website www.fenixforinteriors.com

INTRODUCTION

Solid FENIX NTM® worktops aren't like any other worktops on the market. Created to stand the test of time, these durable surfaces make the perfect choice for a kitchen worktop as they require no treatment prior to fitting and no specialist equipment for installation. This guide is designed to provide you with all the information you require to install and care for your new Solid FENIX NTM® worktop, and to help you keep the surface in pristine condition. Please take the time to thoroughly read this guide before commencing installation as failure to follow it will result in invalidating your warranty.

IMPORTANT

SOLID FENIX NTM® WORKTOPS ARE SUPPLIED IN SHRINK-WRAPPED PACKAGING. DO NOT DISCARD ANY OF THE PACKAGING SUPPLIED UNTIL YOU HAVE FULLY INSPECTED YOUR WORKTOP PRIOR TO INSTALLATION FOR DAMAGES OR DEFECTS AND TO ENSURE YOU HAVE RECEIVED THE RIGHT DECOR AND SPECIFICATION. AN INSTALLED WORKTOP WILL BE SEEN AS HAVING BEEN INSPECTED AND NO LIABILITY WILL BE ACCEPTED FOR ITS REMOVAL AND/OR REPLACEMENT. PLEASE REMOVE THE PROTECTIVE FILMS ON BOTH SIDES OF THE WORKTOP PRIOR TO FITTING.

PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

WHENEVER CUTTING, ALWAYS DOUBLE CHECK MEASUREMENTS BEFORE PROCEEDING.

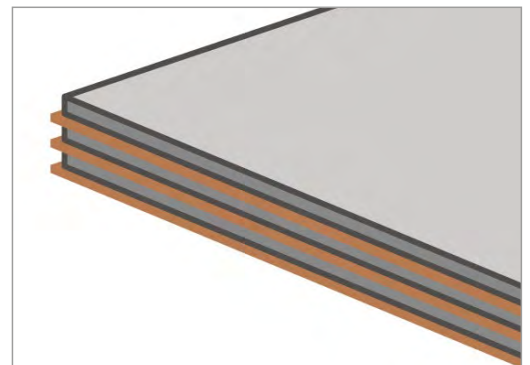
To ensure the advertised size of the worktop is a completely usable section, Solid FENIX NTM® worktops may be supplied oversized in length by up to 50mm. Therefore, we recommend measuring the length of the surfaces prior to installation and cutting where required.

STORAGE

Solid FENIX NTM® worktops require no treatment prior to installation so we recommend they are fitted as soon as possible following delivery. Should this be impractical, we advise that your worktops are stored flat, face up and supported through their entire length. If you have more than one worktop that needs storing and wish to stack them, please ensure that the surfaces are clean and clear from any debris as there is the potential that this could cause damage through abrasion. We suggest using a layer of cardboard between boards.

DO NOT UNPACK WORKTOPS UNLESS...

- THE ROOM HUMIDITY IS STABLE AND SHOULD BE DRY, CLEAN AND FROST-FREE.
- ALL CARCASES AND CABINETS ARE BUILT AND FULLY FITTED/ COMPLETE.
- ALL BUILDING DUST AND DEBRIS HAS BEEN CLEANED AND CLEARED OFF SITE.
- ALL WET TRADES ARE FINISHED AND A SUFFICIENT PERIOD OF TIME ALLOWED FOR NATURAL DRYING.
- FRESH PLASTERWORK HAS BEEN ALLOWED TO DRY FOR A MINIMUM OF 6 WEEKS OR UNTIL THE PLASTER IS DRY THROUGHOUT.



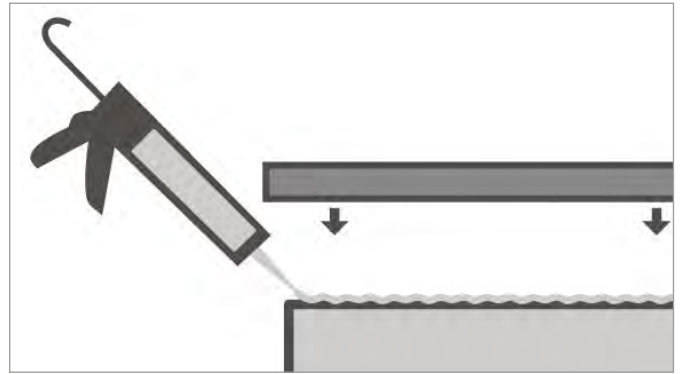
FIXING

It is important to ensure you have sufficient manpower to safely lift and handle these worktops - a minimum of 2 people is required and the surfaces should be carried vertically along the width, never flat. When planning the position of your Solid FENIX NTM® worktop, please note that:

A minimum gap of 50mm is left between your surface and heat generating appliances, such as an AGA.

- A moisture barrier is advisable for fitted dishwashers, washing machines and tumble dryers
- The maximum unsupported length of Solid FENIX NTM® surfaces is 250mm
- Overmount sinks must be placed a minimum of 150mm from any joint seams and at least 40mm from the front of a worktop

Solid FENIX NTM® worktops should be fixed to base cabinets using a silicone sealant at a minimum distance of 600mm intervals. Screws are not suitable for securing these surfaces in place due to their thickness.



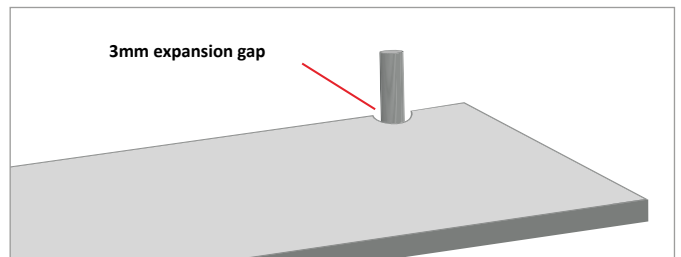
TILES

If you'd like to fit tiles above your Solid FENIX NTM® worktop, a small gap of at least 3mm is advisable to allow for the natural expansion of the work surface.



PIPE HOLES

If holes need to be cut through the worktop, a space of at least 3mm should be included around the pipe to ensure there is room for the surface to expand and contract. A silicone sealant can be used to fill this gap.



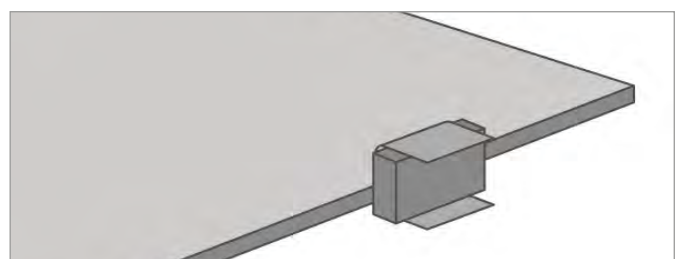
DISHWASHERS AND WASHING MACHINES

When installing a dishwasher or washing machine, ensure a protective moisture barrier is fitted correctly to the underside of your worktop. These are sometimes supplied by the appliance manufacturer, or alternatively can be purchased from rearo.co.uk



EDGING

Solid FENIX NTM® worktops do not require any kind of edging strips. To finish edges, simply sand with a 240-grit sandpaper to soften the edge and then finish using scotch brite being careful not to sand the surface of the worktop. It is recommended that a small amount of linseed oil is applied to cut edges to achieve a smooth finish.



CUTTING AND ROUTING SOLID FENIX NTM® WORKTOPS

IMPORTANT

BEFORE CUTTING WORKTOPS, DOUBLE-CHECK YOUR MEASUREMENTS AND ENSURE THESE ARE MARKED CORRECTLY WITH A PENCIL.

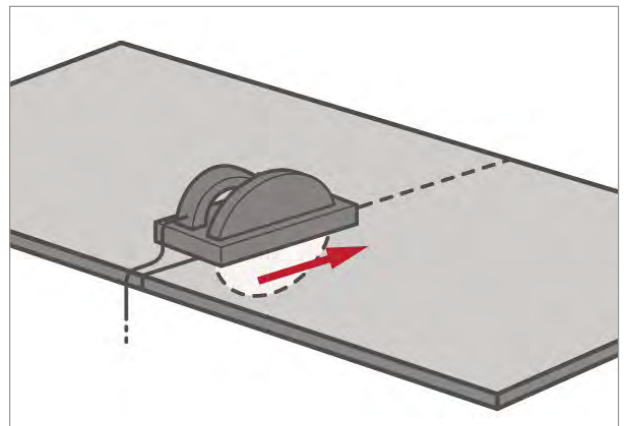
WHEN CUTTING SOLID FENIX NTM® WORKTOPS, YOU SHOULD ALWAYS CUT INTO THE EDGE, NEVER AWAY FROM IT.

Solid FENIX NTM® worktops require clean, sharp cutting tools of a good quality to ensure cuts are precise and a professional finish is achieved. When making any cuts in your surface, it is important that it is fully supported.

CUTTING TO SIZE

Note: Joint edges and final finished ends will require skimming to size when finished- please allow an additional 2-3mm for this.

- 1/ The surface to be used should be faced down for cutting.
- 2/ Clamp the guide in place to prevent movement when cutting
- 3/ After cutting, dry fit the worktop to ensure no chips or gaps can be seen- repeat steps 1 and 2 if additional adjustments need to be made.



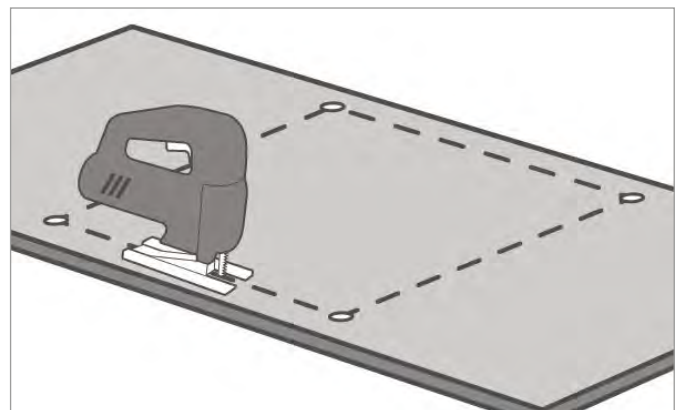
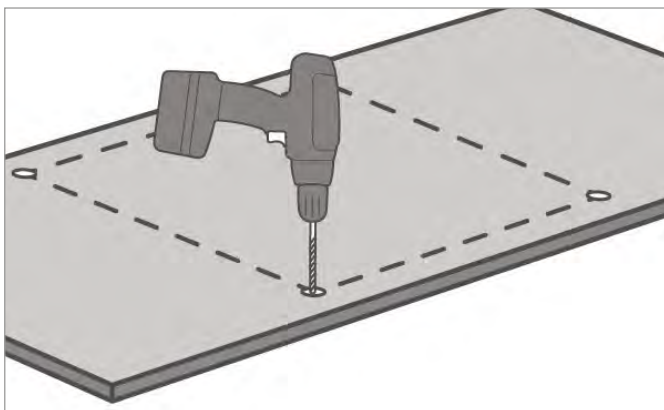
CUT-OUTS FOR HOBS, SINKS & OTHER ITEMS

When cutting-out for hobs, sinks or other inset items, double check measurements or use a jig template- ensuring that it is clamped into position to avoid movement. Sharp cutting tools are required to ensure neat cuts. It is also important to support the worktop whilst cutting.

Cutting can be done in two different ways depending on the visibility of the top edge of the work surface. Cuts that will be hidden (i.e a cut-out to accommodate an overmount sink) can be started with a drill hole in each corner of the aperture, and the rest can be cut-out using a hand-held jigsaw, router cutter (12mm or 12.7mm cutter recommended) or a circular saw with a rail guide and TCT triple chip blade.

For cuts that will be visible (i.e a cut-out for an undermount sink) it is recommended that the work surface is cut face up using a hand router.

It is important to dry fit the worktops to ensure a neat finish and good fit. Any issues should arise at this stage and can be rectified before edges are finished.



INSTALLING HOBS

The gap between the bottom of a hob and the item below it will be decreased due to the thickness of a Solid FENIX NTM® worktop. This is not an issue for cupboards, but if an oven or draws are being fitted underneath a hob it is important to ensure that there is ample space between the items. It is not recommended to use a standard depth draw under a hob installed in a Solid FENIX NTM® worktop and for a pan draw to be fitted instead. Single ovens should always be lowered by 20-25mm.

INSTALLING SINKS

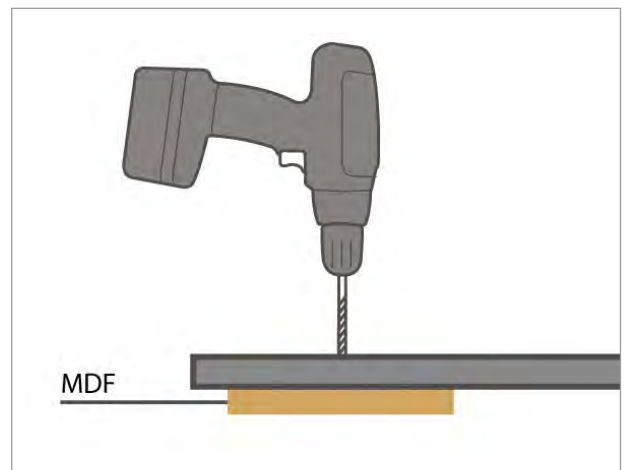
Note: Belfast or butler sinks are not recommended for installation with a Solid FENIX NTM® worktop. If this type of sink is being used, please refer to the installation instructions from the sink manufacturer.

With fitting a sink in your Solid FENIX NTM® worktop, spreading dowels should always be used in conjunction with the sink clips to avoid screwing through the worktop (which could cause damage). For undermount sinks, a small bead of silicone should be applied to the face of the worktop around the cut out- any excess will need to be wiped away whilst wet.

DRILLING

When drilling through the worktop completely, a sacrificial piece of MDF should be used on the underside of the hole to prevent flaking. For holes that do not need to go through the worktop completely. It is recommended a 2-3mm gap is left to prevent cracking (i.e maximum hole depth of approximately 10mm).

For tap holes, it is important to follow the manufacturer's instructions to ensure moisture does not enter the tap hole-we recommend using a silicone sealant to seal the tap to the worktop to help prevent this further.



JOINTING WORKTOPS

A clear 2-part epoxy resin is needed to bond two worktops together and will also work as a waterproof sealant. Follow the instructions carefully to ensure the correct ratio of hardener to adhesive is used.

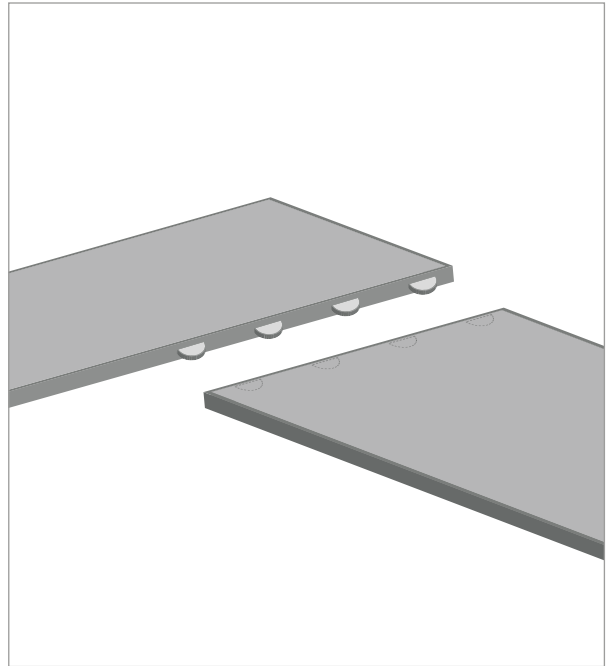
As Solid FENIX NTM® worktops are supplied with a slightly softened edge-worktops can be joined as-is but this will result in a more visible connection. For a more discreet seam, a router can be used to achieve a square edge profile.

A biscuit joint is required to secure Solid FENIX NTM® worktops together, whether a straight connection is being created or a masons' mitre joint for a corner being used.

- 1/ Apply masking tape along the edge of the joint.
- 2/ Mark out slot positions on the masking tape. We recommend 4 biscuits every 635/645/650mm of joint.
- 3/ Using a biscuit joiner, machine pockets to fit no. 20 biscuits. The pockets should be cut 4mm from the top face of the surface.
- 4/ Once the slot has been cut, make sure biscuits fit.

- 5/ Dry fit the two pieces to ensure a good fit- if gaps or chipping are visible, the edges will need re-skimming
- 6/ When a neat finish has been achieved for the dry fit, clean the cut face of each worktop with industrial denatured alcohol and leave to evaporate dry
- 7/ Apply adhesive to biscuit grooves and a small bead along the upper edge of the joint.
- 8/ Connect the two worktops in place and align the surfaces along the top edge. The worktops will need to be held in place using the suction cup method, or with hot melt blocks.
- 9/ When the worktops have been secured in place, remove excess adhesive before it hardens for a smooth joint using solvent cleaner.

For a masons mitre joint, the same steps can be undertaken after the worktop has been cut using a jig to achieve a neat finish.



PLEASE NOTE

WE OFFER A 10 YEAR GUARANTEE AGAINST ANY MANUFACTURING DEFECTS PROVIDING THAT ALL INSTALLATION AND CARE INSTRUCTIONS ARE STRICTLY FOLLOWED SUBJECT TO NORMAL WEAR AND TEAR.

FAILURE TO FOLLOW THESE INSTALLATION INSTRUCTIONS WILL VOID ANY PRODUCT WARRANTY.

LOOKING AFTER YOUR SOLID FENIX NTM® WORKTOPS

Following a few easy steps will help keep your Solid FENIX NTM® worktops in the best possible condition.

- Solid FENIX NTM® is very durable, however the surface of these worktops must never be treated with products containing abrasive substances, abrasive sponges or products such as sandpaper or steel wool.
- Products with high acidity or alkaline content should not directly touch the surface as they could stain your Solid FENIX NTM® worktops.
- When using solvents, cloths must be perfectly clean to not leave marks on the surface.
- Avoid furniture polishes and wax based cleaners as they tend to form a sticky layer on the FENIX NTM® closed surface, to which dirt sticks to.

MAINTAINING SOLID FENIX NTM® WORKTOPS

Solid FENIX NTM® worktops and accessories should be cleaned regularly but do not require special maintenance, just a damp cloth with warm water or mild detergents. Almost all normal household cleaning products or disinfectants are fine to use on the surfaces. We suggest using a sponge for regular cleaning and maintaining these worktops. All the items you need for maintaining your Solid FENIX NTM worktop can be found in the UNIKA Super Matte Laminate Care kit.

For stubborn marks which cannot be cleaned with regular household detergents, please visit the Maintenance and Cleaning pages within the downloads section at www.fenixforinteriors.com

CLEANING AND MAINTENANCE AND ADVICE

Type of dirt



Syrup, fruit juice, jam, spirits, milk, tea, coffee, wine, spirits, soap and ink.

Recommended cleaning instructions

1



1. REMOVE any stain with a degreaser and coarse microfiber cloth.

2



2. RINSE thoroughly using a fine microfiber cloth and warm water.



Animal and vegetable fats, sauces, blood, eggs, smoke, gelatine, vegetable and vinyl based glues, organic waste, gum arabic.

1



1. REMOVE with kitchen roll.

2



2. REMOVE any stain with a degreaser and coarse microfiber cloth.

3



3. RINSE thoroughly using a fine microfiber cloth and warm water.



Hair spray, vegetable oil, biro and felt tip, pens, wax, foundations and greasy make-up, residual solvent marks, nail polish, spray lacquer, linseed oil, neoprene glues, traces of silicone, lime deposits.

1



1. REMOVE using kitchen roll soaked in nail polish remover (acetone).

2



2. REMOVE any stain with a degreaser and coarse microfiber cloth.

3



3. RINSE thoroughly using a fine microfiber cloth and warm water.

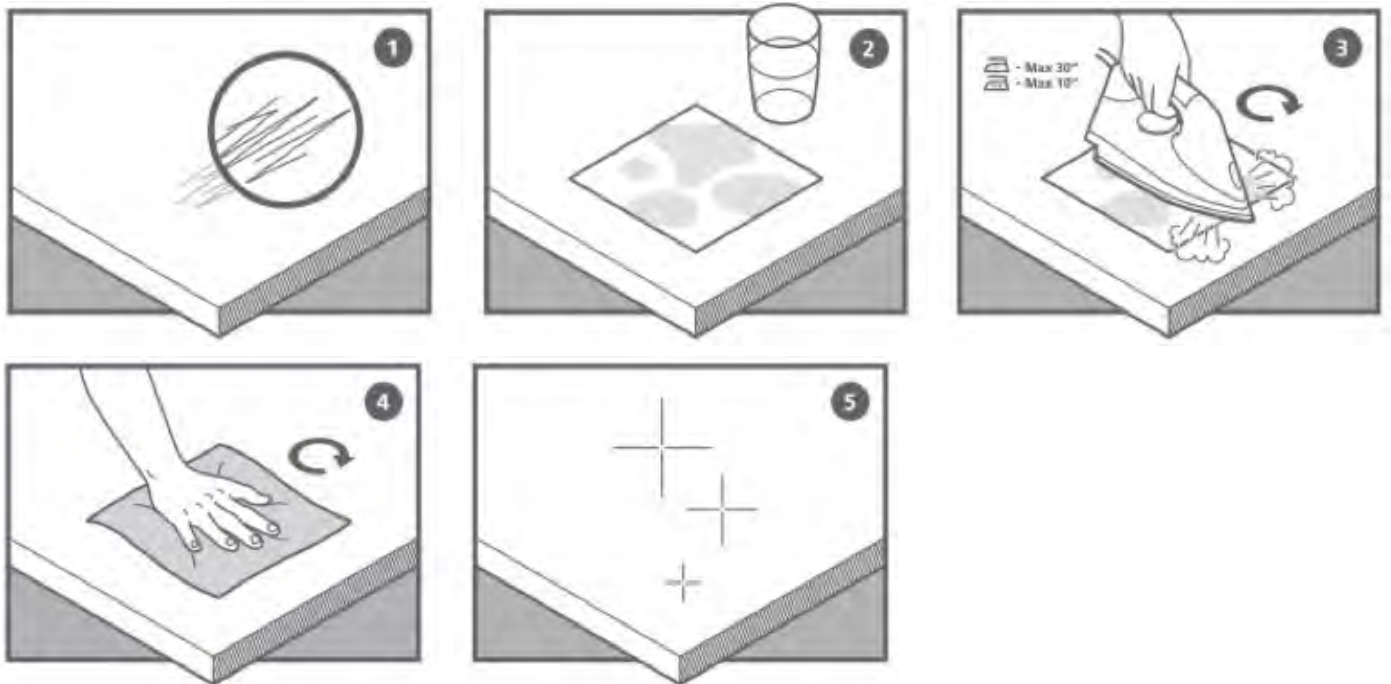
PLEASE NOTE

THESE GUIDELINES ARE FOR REPAIRING SUPERFICIAL MICRO-SCRATCHES TO THE TOP FACE OF THE SOLID FENIX NTM® WORKTOP AND ARE NOT APPLICABLE TO THE EDGING STRIPS.

If you notice a superficial micro-scratch on the surface of your Solid FENIX NTM® worktop, there are two ways to treat it:

MAINTENANCE USING AN IRON

- 1/ Superficial defects caused by micro-scratches
- 2/ Place a damp sheet of kitchen roll over the area where the micro-scratch can be seen.
- 3/ Place the hot iron on the surface that needs repairing. Do not leave the iron on the surface for more than 10 seconds at a time.
- 4/ Rinse the repaired area with lukewarm water and a microfibre cloth.
- 5/ The surface should now be healed.



MAINTENANCE USING A MAGIC SPONGE

- 1/ Superficial defects caused by micro-scratches
- 2/ Rub the magic sponge on the area where the superficial micro-scratch can be seen. The sponge can be used dry or slightly damp.
- 3/ The surface should be healed.



DISCLAIMER

This document gives general recommendations. This document serves as a general guide to good practice and constitutes no form of warranty or representation as to fitness for purpose in respect of the products and processes described in it. Any information or products contained within this document must be verified and tested for suitability by the user for his or her particular purpose or specific application. Consideration needs to be given to local or specific circumstances. The content of this document reflects our knowledge and experience at the time of publication. The information provided in this document is solely indicative. We are unable to warrant the accuracy and completeness of this information. No rights can be derived from the information provided; the use of the information is at your risk and responsibility. This document does not guarantee any properties of our products. We do not warrant that the information in this document is suitable for the purpose for which you consult it. The document does not contain any design, structural calculation, estimate or other warranty or representation that may be relied on. Colours used in our communications (including but not limited to printed matter) and in samples of our products may differ from the colours of the products to be supplied. Our products and samples are produced within the specified colour tolerances and the colours (of production batches) may differ, even if the same colour is used. The viewing angle also influences the colour perception. Customers and third parties must have a professional adviser inform them about (the suitability of) our products for all desired applications and about applicable laws and regulations. We reserve the right to change (the specifications for) our products without prior notice. The newest version of the document replaces all previous versions. We advise that the newest version may contain technical changes that must be taken into account when using the products. The latest version of the document may be consulted on our website. You should always check whether an updated version of the document is available. Any warranty on the products may be voided if the (contents of the) latest version of this document, which may be updated from time to time, is not (properly) followed. We have made every effort to ensure the accuracy of the information in this document, but we cannot be held liable for any oversights, inaccuracies or typographical errors. To the maximum extent permitted under the applicable law, we shall not be liable (neither contractual nor non-contractual) for any damage arising from or related to the use of this document, except if and to the extent that such damage is the result of wilful misconduct or gross negligence on our part. All our oral and written statements, offers, quotations, sales, supplies, deliveries and/or agreements and all related activities are governed by our general terms and conditions. All intellectual property rights and other rights regarding the content of this document (including logos, text and photographs) are owned by us and/or our licensors.