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KRION™ is a new generation of solid surface developed by KRION, a company belonging to Porcelanosa Group. **A material that is warm to the touch with an appearance similar to natural stone, KRION™ is made of two thirds natural minerals (ATH: alumina trihydrate) and a low percentage of high-resistance resins. This composition ensures exclusive characteristics, such as nil porosity, antibacterial properties without the need for any kind of additive, hardness, resistance, low maintenance and an easy-to-clean surface.**

KRION™ is worked like wood. This means that the sheets can be cut, joined, and thermoformed to create curved items. KRION™ can be used in the manufacturing process to make cast objects, allowing for the creation of designs and projects that would be impossible with other materials



APPLICATIONS



Commercial furniture and equipment



Work surfaces and countertops



Office furniture and equipment



Hotel furniture and equipment



Catering and food display furniture and equipment



Bathroom equipment



Clinical and laboratory furniture and equipment



Indoor wall cladding



Outdoor wall cladding



Signs



Flooring



Industrial products

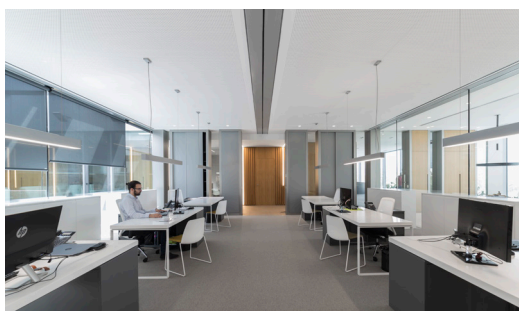
Commercial premises and supermarkets



Hotels



Offices and customer service desks



Restaurants, bars and cafés



Public buildings and education centres



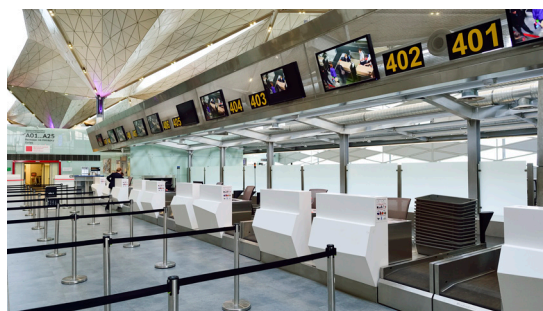
Healthcare facilities and laboratories



Designs



Transport



Homes





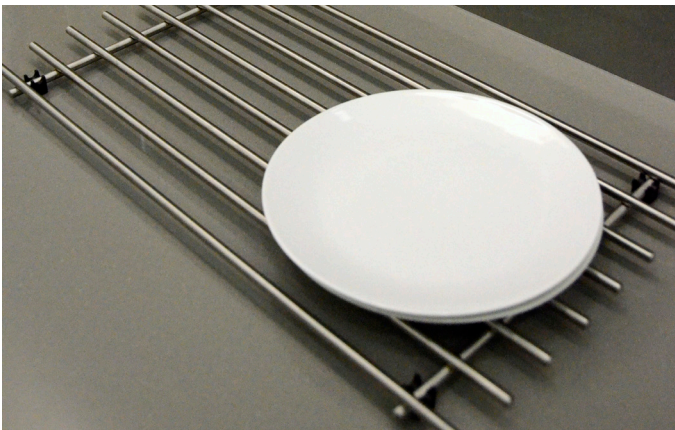
In addition to cleaning the KRION™ surface, certain recommendations of use should be followed to keep it in optimum condition for longer.



1

**AVOID
EXCESSIVE HEAT**

KRION™ can withstand high temperatures, but extreme heat can damage any surface. **Do not expose it to extreme heat or sources of extreme heat.** Make sure that cooking pots and frying pans do not overhang the edge of cooking hobs.



2

**PLACE OBJECTS THAT HAVE BEEN TAKEN
OFF THE HOB OR OUT OF THE OVEN ONTO A
HEAT RESISTANT MAT.**

In the case of kitchen countertops, **put objects that have been taken off the hob or out of the oven onto a heat resistant mat or similar particularly if they are made of cast iron.**



3

**DO NOT SLIDE HEAVY OR SHARP OBJECTS
ACROSS THE SURFACE**

KRION™ is a very hard material. **However, as with any surface, be careful not to slide hard, heavy or sharp-edged objects** across surfaces with a satin or glossy finish. **Always use a chopping board to cut or chop food.**



4 PREVENT OBJECTS FROM KNOCKING THE EDGES OF COUNTERTOPS.

KRION™ has a high resistance to impacts, thanks to its combination of raw materials. **Nonetheless, the edges of KRION™ countertops should not be knocked.** If they are, they can always be repaired by a KRION™ fabricator.



5 DO NOT POUR BOILING LIQUIDS DIRECTLY INTO THE SINK/BASIN

Although KRION™ is resistant to thermal shocks, boiling liquids should not be poured directly into the sink/basin. Wait until they cool or run the cold water at the same time. Do not leave hot recipients on the surface of the sink/basin. Leave them to cool first.



6 DO NOT USE TAPS THAT DISPENSE VERY HOT WATER

Avoid the use of taps that provide instant supplies of very hot water. Such a high change in temperature might burn the person handling the taps and damage the sink/basin. Any damage by these taps to the KRION™ product is excluded from the warranty.



7 DO NOT SPILL NOXIOUS CHEMICAL PRODUCTS ONTO IT

Avoid the use of noxious chemical substances, like drain cleaners or paint stripper. If any such liquid is spilled onto the surface, clean it up as promptly as possible using plenty of soapy water to avoid damage. Do not expose KRION™ surfaces to strong chemical products for prolonged periods of time. Be particularly careful with solvents, acetates, oven cleaners, methyl chloride and drain cleaners. In the event of the surface's accidental exposure to these products, rinse with plenty of water.



All places, whether public or private, require cleaning and care, with the subsequent cost in human effort and cleaning materials for households, companies or public bodies.



A cutting-edge material mainly formulated with natural materials using high-tech manufacturing processes, **KRION™ helps to keep places where it has been fitted clean, aseptic and in perfect condition. This is due to its nil porosity, which prevents bacteria from spreading and allows for the creation of seamless surfaces with no joints or inaccessible corners.** As a result, only minimum care is needed to keep the material in optimum condition.

Even so, if the KRION™ surface has been damaged and the marks cannot be removed using the normal cleaning methods described in the Technical Note on Cleaning & Care, do not worry because the problem is easy to solve.

With a view to restoring surfaces made of KRION™ to their original condition, given the outstanding properties of this material, a regeneration kit was created. With this kit, most marks can be removed with minimal effort.

This Technical Note contains the necessary instructions to renew surfaces made of KRION™.

Please read it carefully and follow the indicated procedure for your KRION™ finish to restore the surface to its former condition.



These will help you to keep your KRION™ looking just the same as the first day it was fitted.



- | | |
|--|----------------------------------|
| 1. Grey drying cloth | 7. Felt pad (x 2) |
| 2. Green cleaning cloth | 8. P3000 sanding disc (x 6) |
| 3. K-Cream 530mL | 9. P1500 sanding disc (x 6) |
| 4. White scouring pad | 10. P1000 sanding disc (x 6) |
| 5. Support with velcro backing pad for sanding discs | 11. P400-grit sanding disc (x 6) |
| 6. K-Polish 125ml | |

KRION™ FINISHES

First, identify the finish of the KRION™ surface to be regenerated.
Generally, the surface might be MATT, SATIN or GLOSSY.

MATT surfaces – A smooth, silky, non-reflectant surface with no shine.

SATIN surfaces – A finish midway between matt and glossy, with a subtle shine and low reflective capacity.

GLOSSY surfaces – A shiny, reflectant surface with a polished finish.

Each finish will need to be regenerated in a different way. Once you have identified the finish of your KRION® surface, follow the appropriate instructions to renew it.



1 REGENERATION MATT SURFACES

Inspect and identify the surface damage .

1.1. Centre the sanding disc marked P400 on top of the disc support and make sure that the side of the disc marked P400 coincides with the velcro base of the support.

1.2. Rub the marked area, using circular movements, taking care not to exert too much pressure. Hold the disc support by the sides to do this. This will make it easier to control ensure optimum results.

1.3. Every 30 seconds, check the results, wiping away any powder from the KRION™ surface with a grey drying cloth. To stop the disc from getting clogged, remove it from the support and hit it against your hand several times to release the powder. Then fix it in place again.

Repeat the process again as many times as necessary until no scratches or damage can be seen on the surface.

1.1



1.2



1.3





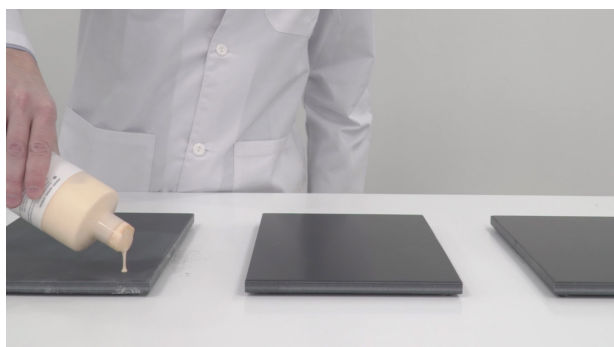
1 REGENERATION MATT SURFACES

1.4. Once the damage has been removed from the surface, rub K-Cream mixed with a little water onto the surface. Rub the regenerated area with a white scouring pad, using circular movements and gradually working outwards.

1.5. Rinse the area with plenty of water and dry the surface with a grey drying cloth, checking that the regenerated area has a uniform matt finish.

If necessary, reapply K-Cream until a uniform appearance is achieved.

1.4



1.4



1.5



1.5





2 REGENERATION SATIN SURFACES

Inspect and identify the surface damage.

2.1. Centre the sanding disc marked P400 on top of the disc support and make sure that the side of the disc marked P400 coincides with the velcro base of the support.

2.2. Rub the marked area, using circular movements, taking care not to exert too much pressure. Hold the disc support by the sides to do this. This will make it easier to control ensure optimum results.

2.3. Every 30 seconds, check the results, wiping away any powder from the KRION™ surface with a grey drying cloth. To stop the disc from getting clogged, remove it from the support and hit it against your hand several times to release the powder. Then fix it in place again.

Repeat the process again as many times as necessary until no scratches or damage can be seen on the surface.

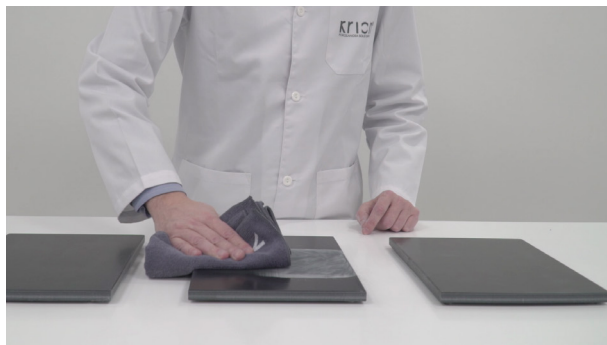
2.1



2.2



2.3





2 REGENERATION SATIN SURFACES

Once the damage has been removed, the treated surface will have a matt finish unlike the original satin one. In the case of medium or dark colours, it will also be of a paler shade than the original.

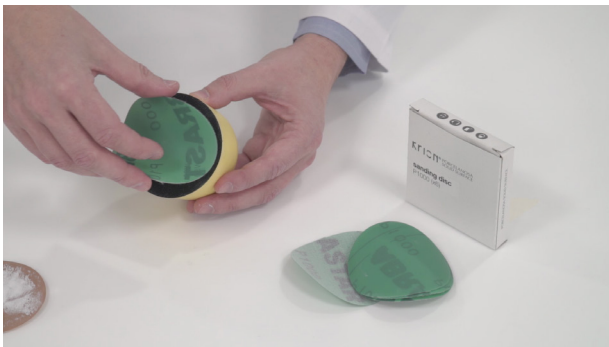
2.4. Remove the P400 sanding disc and replace it with a P1000 disc, centring it on the disc support so that the side of the disc marked P1000 coincides with the velcro base of the support.

2.5. Rub the marked area, using circular movements at all times, taking care not to exert too much pressure.

2.6. Every 30 seconds, check the results, wiping away any powder from the KRION™ surface with a grey drying cloth. To stop the disc from getting clogged, remove it from the support and hit it against your hand several times to release the powder. Then fix it in place again.

Repeat the process again as many times as necessary until the area has a silkier, less matt appearance.

2.4



2.5



2.6





2 REGENERATION SATIN SURFACES

Draw a new broader 2cm perimeter line around the area treated with the previous disc.

2.7. Remove the P1000 disc and replace it with a P1500 one, centring it on the disc support and making sure that the side of the disc marked with a P1500 coincides with the velcro base of the support.

2.8. Rub the marked area, using circular movements at all times, taking care not to exert too much pressure.

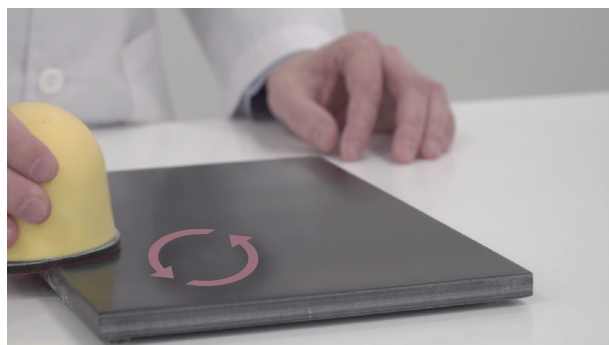
2.9. Every 30 seconds, check the results, wiping away any powder from the KRION® surface with a grey drying cloth. To stop the disc from getting clogged, remove it from the support and hit it against your hand several times to release the powder. Then fix it in place again.

Repeat the process again as many times as necessary until the area has a silkier, less matt appearance.

2.7



2.8



2.9





2 REGENERATION SATIN SURFACES

2.10. Once the damage has been removed from the surface, rub K-Cream mixed with a little water onto the surface. Rub the regenerated area with a white scouring pad, using circular movements and gradually working outwards.

2.11. Rinse the area with plenty of water and dry the surface with a grey drying cloth, checking that the regenerated area has a uniform matt finish.

If necessary, reapply the K-Cream until uniform end results are achieved.

2.10



2.10



2.11



2.11





3 REGENERATION GLOSSY SURFACES

Inspect and identify the surface damage.

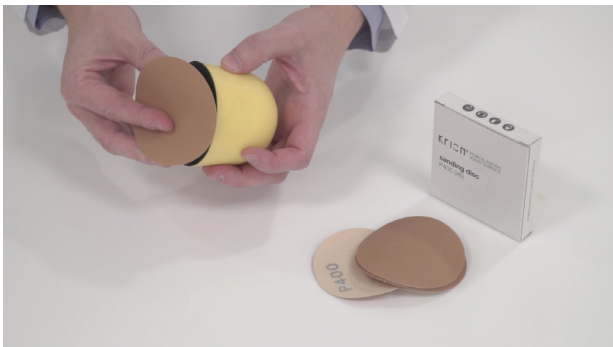
3.1. Centre the sanding disc marked P400 on top of the disc support and make sure that the side of the disc marked P400 coincides with the velcro base of the support.

3.2. Rub the marked area, using circular movements, taking care not to exert too much pressure. Hold the disc support by the sides to do this. This will make it easier to control ensure optimum results.

3.3. Every 30 seconds, check the results, wiping away any powder from the KRION® surface with a grey drying cloth. To stop the disc from getting clogged, remove it from the support and hit it against your hand several times to release the powder. Then fix it in place again.

Repeat the process again as many times as necessary until no scratches or damage can be seen on the surface.

3.1



3.2



3.3





3 REGENERATION GLOSSY SURFACES

Once the damage has been removed, the treated surface will have a matt finish unlike the original glossy one. In the case of medium or dark colours, it will also be of a paler shade than the original.

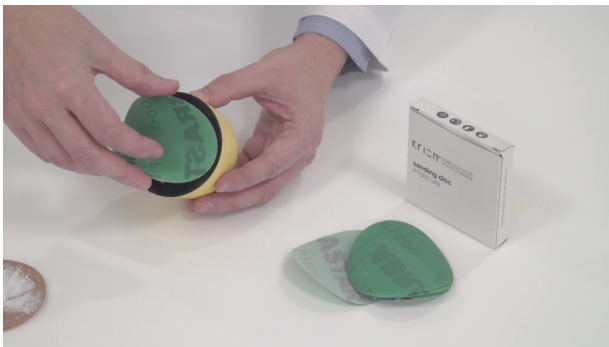
3.4. Remove the 400 disc and replace it with a P1000 one, centring it on the disc support and making sure that the side of the disc marked with a P1000 coincides with the velcro base of the support.

3.5. Rub the marked area, using circular movements at all times, taking care not to exert too much pressure.

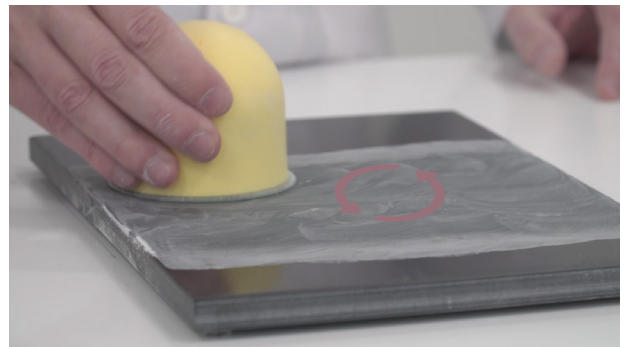
3.6. Every 30 seconds, check the results, wiping away any powder from the KRION® surface with a grey drying cloth. To stop the disc from getting clogged, remove it from the support and hit it against your hand several times to release the powder. Then fix it in place again.

Repeat the process again as many times as necessary until the area has a silkier, less matt appearance.

3.4



3.5



3.6





3 REGENERATION GLOSSY SURFACES

Draw a new broader 2cm perimeter line around the area treated with the previous disc.

3.7. Remove the P1000 disc and replace it with a P1500 one, centring it on the disc support and making sure that the side of the disc marked with a P1500 coincides with the velcro base of the support.

3.8. Rub the marked area, using circular movements at all times, taking care not to exert too much pressure.

3.9. Every 30 seconds, check the results, wiping away any powder from the KRION™ surface with a grey drying cloth. To stop the disc from getting clogged, remove it from the support and hit it against your hand several times to release the powder. Then fix it in place again.

Repeat the process again as many times as necessary until the area has a silkier, less matt appearance.

3.7



3.8



3.9





3 REGENERATION GLOSSY SURFACES

Draw a new broader 2cm perimeter line around the area treated with the previous disc.

3.10. Remove the P1500 disc and replace it with a P3000 one, centring it on the disc support and making sure that the side of the disc marked with a P3000 coincides with the velcro base of the support.

3.11. Rub the marked area, using circular movements at all times, taking care not to exert too much pressure.

3.12. Every 30 seconds, check the results, wiping away any powder from the KRION™ surface with a grey drying cloth. To stop the disc from getting clogged, remove it from the support and hit it against your hand several times to release the powder. Then fix it in place again.

Repeat the process again as many times as necessary until the area has a silkier, less matt appearance.

3.10



3.11



3.12





3 REGENERATION GLOSSY SURFACES

3.13. Now shake the container of K-Polish well and apply a small amount of polish and a little water to the surface.

3.14. Remove the P3000 disc and replace it with a felt pad, sticking the roughest side to the velcro.

3.15. Rub the entire regenerated area, using circular movements and gradually working outwards. This will take about 3 to 5 minutes, depending on the size of the regenerated area.

If there is any difference in comparison with the finish of the surrounding area, repeat the previous step to ensure uniform end results but gradually cover a broader area until there is no noticeable difference in the finish.

Rinse the area with plenty of water and dry the surface with a grey drying cloth, checking that the regenerated area has a uniform matt finish.

3.13



3.14



3.15





3 REGENERATION GLOSSY SURFACES

3.16. If, after taking the above step, the finish of the renewed area is shinier than the rest, you can give it a more uniform finish by rubbing it with a white scouring pad dampened with K-Cream mixed with a little water. Rub the area in circles, moving gradually outwards.

3.17. Rinse the area with plenty of water and dry the surface with a grey drying cloth, checking that the regenerated area has a uniform finish.

If necessary, reapply the K-Cream until uniform end results are achieved.

3.16



3.16



3.17



3.17



Once you have followed the steps described in the Technical Note, if the mark cannot be removed, contact the store where you bought the product or an authorized fabricator so that they can take the necessary steps to renew the KRION™ surface.

KRION
PORCELANOSA Grupo

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