Grapol®
SOLID TECHNOLOGIES

USE AND CARE GUIDE

Cleaning and Maintenance

THE Collection for all lifestyles

Grapol's First Impressions

Congratulations and Thank you for choosing Grapol®

Grapol® is the high technology solid surface material made and was designed for every life style. By welcoming Grapol®into your kitchen, bathroom, office into your life, you can now enjoy years of Grapol's durable renewable touch.

Always with you

As the suppliers and fabricators of Grapol® products, we are committed to provide you the best customer service and support.

If you have any questions about caring your Grapol® surface, please call us or visit our website www.grapol.com.tr

Welcoming Grapol® into your life

Our experience and feedback from our customers enables us to present you with this comprehensive Grapol® Use and Care Guide, outlining our recommendations for easy living with Grapol®.

By nature Grapol® is easy to clean, easy to care for and easy to live with. Year after year, with proper care, Grapol® can remain as beautiful and elegant as the day it was installed. However Grapol® is unlike any other material and there is an unique way to look after it. So let go of any assumptions you might have about caring for Grapol®.The guidelines contained herein will help to ensure your Grapol® surface continues to perform for many years to come.

Quick Summary Information

Your Grapol® finish

Your finish should be taken into consideration when you clean and care for Grapol®. The most popular Grapol® finish is the stain mat (semi-gloss) which is slightly reflective look to the surface). If you are unsure or need to know more about your finish, please contact your original Grapol® fabricator or our Customer Service Center.

Your Color of Grapol®

Although Grapol® is material with unique properties, it has similar attributes to other material when it comes to dark colors. As with mostmaterials, dark heavily pigmented colors of Grapol® are more sensitive and tend to show wear and tear more easily.

If you've chosen a dark color for a high-use horizontal area (e.g. fastfood countertops) please read the **preveting tips** section carefully.

Prevention is always better than cure, We've outlined some helpful tips so you understand how best to treat your Grapol® surface, ensuring you get most out of your Grapol® investment.

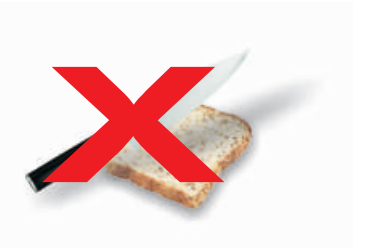
Grapol® Care Options

When caring for Grapol®, in most cases Simple Clean and Deep Clean will be the only methods you need to use. Always start with the easiest cleaning solution first (e.g. Simple Clean)

Grapol® Prevention Tips

As with anything, prevention is better than cure. With Grapol® you can take comfort in knowing that should your Grapol® surface be accidentally damaged, all but the most severe damage is repairable on site.

	Description	Best Prevention Tip
Preventing Cuts and Scratches	Treat your Grapol® surface as you would a fine timber. To avoid unnecessary marks Grapol® should not be used as cutting surface.	Always use a separate cutting board. Avoid sliding items across the surface particularly on dark colors (e.g. oven trays, cookware, etc.)
Preventing Excessive Heat Damage	Although Grapol® resists high temperatures, hot pans and heat emitting appliances (e.g. electric frying pans) should not be placed directly on a Grapol® surface. Excessive heat damage is not covered by your warranty.	Always use a pad or trivet (with rubber feet) for hot cookware or leave cookware to cool on the cooktop first. Never put hot pans, in particular cast iron pots or hot casserole dishes directly on a Grapol® top or in a sink. Such heat can damage any surface.
Preventing Other Damage	Be aware of what your Grapol® surface has been exposed to. Harsh chemicals may damage surface (e.g. paint removers, oven cleaners, stong acids, etc.)	Flush harsh chemicals with plenty of water immediately. Remove any chemicals because damage depends on the exposure time.
Preventing Excessive Heat BuildUp/Reflection	Modern appliances reach higher temperatures quicker and often hold heat longer. In addition, certain cooking methods may cause heat to reflect onto your benchtop leading to heat build-up that may damage your surface.	Always use the correct size pan for the burner: Place it centrally. A pan that protrudes over the Grapol® itself will result in heat being reflected onto the Grapol®, possibly leading to unnecessary heat damage. This is particullarly important for gas cooktops containing a wok burner. Remember; a wok burner is designed for a wok, not flat-bottomed saucepans. Do not use two burners as one (e.g. for a large flat-bottomed cast iron pan) as it has the same effect. To reduce heat, turn the burner down instead of pulling the utensil partially off the heat source. Please follow these guidelines, as damage caused by excessive heat is not covered by your warranty.



Simple Clean

Day-to-day cleaning

By nature Grapol® is easy to clean, easy to care for and easy to live with. As a general rule, when caring for Grapol® always start with a Simple Clean. Avoid using abrasive scouring pads for routine cleaning.

Non abrasive **spray** or **clear gel** cleansers.

Managing day-to-day food spills

After food preparation and cooking simply wipe your Grapol® surface with a damp sponge or cloth.Thanks to the non-porosity of Grapol®, this will hygienically clean your Grapol® surface.

Most dirt and grime

Use soapy water or an ammonia-based cleanser (e.g. Ajax Spray) along with a damp sponge or cloth. Rinse clean.

Water marks

Wipe your surface with a damp sponge or cloth and towel dry. Hard water leaves visible water marks on Grapol®, just as on glassware, which is why it should be wiped dry with soft cloth. If marks persist, try the method outlined under Deep Clean-Stubborn stains section.

Non abrasive
Damp sponge or cloth

Deep Clean

Stubborn stains

For more stubborn stains you will need to occasionally give your Grapol® surface a more thorough clean and refresh using a household bleach. Specially tea or coffee could be effected depending on time and temperature. If the stain can not be removed with household bleach try mild abresive cleanser like Cif® Cream or Ajax® Cream or powder cleanser.

Firmly wipe your Grapol® surface with a damp sponge or cloth and a mild abrasive cleanser using a wide circular motion. Always finish by rinsing and wiping your surface with a damp cloth or sponge. The Vileda® range of cloths and non-scratch scourers are recommended by Grapol®.

Mild abrasive **cream** and bleach cleansers.

Light marks and scuffs

Most light marks and scuffs may be removed by wiping your surface firmly with a damp sponge or cloth and a mild abrasive cleanser. However, if this technique fails to work, please contact our Customer Service Center or authorized Grapol® fabricator to personally discuss other care alternatives.

Please be aware, using abrasive cleansers on your Grapol surface may change your sheen level. By routinely cleaning the entire surface consistency in sheen should return overtime.

Blue Scotch Brite™ No Scratch

Cleaning Your Integrated Grapol® Sink or Bowl

Simple Clean

Fats and oils can easily be removed using a damp sponge or cloth along with washing-up liquid or a general purpose ammonia-based cleanser.

Deep Clean

Food preparation stains or discoloration (from wine, tea, vegetable oils, food residues, etc.) can build up on the surface of a Grapol® sink. To remove such stains, use household bleach if fails use a green 3M® Scotch-Brite™ pad and a mild abrasive cleanser, such as Ajax powder or Cif Cream Cleanser and rinse with water.Food preparation stains or discoloration (from wine, tea, vegetable oils, food residues, etc.) can build up on the surface of a Grapol® sink. To remove such stains, use a green 3M Scotch-Brite™ pad and a mild abrasive cleanser, such as Ajax powder or Cif Cream Cleanser and rinse with water.

Green Scotch-Brite™ pads should not be used to clean the stainless steel parts but can be used to clean all Grapol® sinks.

If hard water scale has build up around the waste or taps, use a standard household lime-scale remover and follow the manufacturer's instructions. Also rinse with water not to effect a mark on Grapol surface. Please note that Green Scotch-Brite™ pads should not be used on your Grapol® countertops.

Green Scotch Brite™ Heavy Duty

Mild abrasive **cream** and bleach cleansers.

Cleaning Your Grapol® Bathroom

Grapol® vanity tops, bowls, shower walls and bases, and bath surrounds are convenient in their ease of cleaning.

A simple wipe with a soapy sponge, followed by a rinse is all it takes to care for a Grapol® bathroom surface.

However, lime scale, soap buil-up or water spotting do call for more attention. A Deep Clean mentioned on the previous page using a damp sponge or cloth and a mild abrasive cleanser is all that is needed.

Serious Damages

If a serious damage occur, or if you want to refresh your Grapol® surface, do not hesitate to call Customer Service Center or Authorized Certified Fabricator.

Most damages can be repaired and the original surface is restored.

Chemical and Stain Resistance

Grapol® **performance properties are** shown in the table at the bottom.

The test procedure, ANSI Z 124.3, Section 5.2 (performance tests for plastic vanity basins) This procedure is used to evaluate the stain and chemical resistance of Grapol®. Two samples of each chemical liquid are applied on the surface of Grapol®. One sample is covered with a piece of glass to keep it wet for the end of the test period. The other sample is let to air dry. After 16 hours of exposure, the chemical residue is scrubbed with a wet 3M® Scotch-Brite™ pad and bleaching cleanser (Ajax®, Marc®, Jif®, Ajax®, Fis®, Cif®, Comet®, Soft Scrub®, etc.). Most reagents do not penetrate Grapol®, but adverselty affect only the surface.

Chemical Resistance Table A

Acetic Acid (80%)	Household Soaps	Sodium Hypochlorite (5%)
Acetone	Hydrochloric Acid (20%)	Sodium Sulphate
Acrodine Orange	Hydrochloric Acid (37%)	Solitine Solvent
AG Eosin Blue (5% in alcohol)	Hydrochloric Acid (Cleaner)	Soy Sauce
AG Gentian Violet (Crystal Violet)	Hydrogen Peroxide	Sugar (Sucrose)
Ammonia (10%)	Introfiant Arterial Chemical	Sulphuric Acid (25%)*
Ammonia (25%)	Iodine (1% in alcohol)*	Tannic Acid
Ammonium Hydroxide (5%)	Kerosene	Tea*
Amyl Acetate	Ketchup	Tetra Hydrofuran
Amyl Alcohol	Lemon	Thymol in Alcohol*
Aromatic Ammonia	Lipstick	Tincture of Iodine*
B-4 Body Conditioner	Liquid Shoe Polish	Tincture of Mercurochrome*
Beer	Lye (1% Sodium Hydroxide)	Tincture of Mertiolate*
Benzene	Lysol Cleaner	Toluene
Betadine Solution	Marc Lime (Rust Remover)*	Tomato Sauce
Black Filter Coffee*	Marc with Ammoniac (Cleaner Cream)	Toothpaste
Black Hair Dye*	Mayonnaise	Tricholoroethane
Black Tea Bags*	Mercurochrome (2% Aqueous)*	Trisodium Phosphate (30%)
Bleach	Methanol	Trypan Blue
Bleach (Household type)	Methyl Ethyl Ketone	Urea (6%)
Blood	Methyl Orange (1%)	Uric Acid
Butter	Methyl Red (1%)	Vinegar*
Butyl Alcohol	Milk	Washable inks
Calcium Thiocyanate (78%)	Mineral Oil	White Nail Polish*
Calcium-C Sandoz	Mr.Muscle Gel (Drain Cleaner)*	Wine Red*
Calgonit	Munsel's Solution	Wine White
Carbon Disulfide	Mustard	Wright's Stain
Carbon Tetrachloride	Nail Polish Remover	Xylene
Caulk IRM	Nail Polish Remover (Acetone)	Yoghurt
Chloroform (100%)	Nail Polish*	Zephiran Chloride
Chlorobenzene	Napthalene (Naphta)	Zinc Chloride
Cigarette (Nicotene)	Neotopanel	Zinc Oxide
Citric Acid (10%)	n-Hexane	
Coffee*	Nitric Acid (6%)	
Coke	Olive Oil	
Cooking Oils	Orange Juice	
Cotton Seed Oil	Pen Ball Point	
Cupra Ammonia	Pen Permanent Glass	
Debacterol	Pen Permanent Marker Ink*	
Dental Adhesive	Pencil Lead	
Dimethly Formamide	Perchloric Acid*	
Dimethylene Blue	Peroxide	
Dioxane*	Phenol (40%)*	
Dishwashing Liquids/Powders	Phenophthalein (1%)	
Egg Yolk	Phosphorus Pentoxide	
Eosine (23% Eugenol)	Picric Acid	
Equalizing Accelerator/Base	Potassium Permanganate (2%)	
Ether Sulfuric	Pril	
Ethyl Acetate	ProcaineAcetic Acid (10%)	
Ethyl Alcohol (Ethanol)	Restorative Anti-Dehydrant	
Ethyl Ether	Salt (Sodium Chloride)	
Eucalyptol	Shampoo	
Eugenol	Shoe Dye*	
Ferric Chloride*	Shoe Polish	
Food Coloring	Silica Dental Cement (Liquid)	
Formaldehyde	Silver Nitrate (10%)	
Formalin	Soap (Household)	
Gasoline	Soapless Detergants	
Hair Dyes*	Sodium Bisulphate	
Hand Cream	Sodium Hydroxide (10%)*	
Honey		

*The chemicals marked with * can slightly effect material, depending on prolonged exposure period, temperature. The residues can be removed with; first try detergant/soap and rinse, if this fais then use household bleachs.*

Chemical Resistance Table B

Acetic Acid (90%-98%) ●●●
Adhesives (Solvent Based) ●●●
Adhesives (Two components) ●●●
Aqua Regia Cleaners ●●●
Chromic Trioxide Acid ●●●
Equalizing Mix (50/50) ●●●
Formic Acid (50%-90%) ●●●
Furfural ●●●
Giemsa ●●●
Glacial Acetic Acid ●●●
Hair Dyes (Dark and aggresives) ●●●
Hydrofloric Acid (48%) ●●●
Luralite Mix (50/50) ●●●
Methylene Chloride ●●●
Nail Polish (Dark and aggresives) ●●●
Nitric Acid (25%-67%) ●●●
Phosphoric Acid (75%-90%) ●●●
Photography Laboratory Chemicals ●●●
Red Wine (Prolonged exposure) ●●●
Shoe Dyes (Dark colors) ●●●
Strong Drain Cleaners (Acid) ●●●
Strong Vinegars or Concentrates ●●●
Sulphuric Acid (77%-96%) ●●●
Tricholoracetic Acid (10-50%) ●●●

Stains caused by the *dental treatment materials* may require light to moderate sanding for removal

●●●
Grapol® is not recommended, for working areas where **Table B** chemicals may come in contract with Grapol®. **The 10 year limited warranty does not apply where Table B chemical contact Grapol® surface**The occasional stain that might result from inadvertent exposure to Table B chemicals can often be removed. Scrubbing with household cleanser will remove light stains. More stubborn surface stains will require sanding with fine to coarse sandpaper.

Surface damage may vary chemical strength,temperature, exposure time, and since scrubbing with cleansers may not always be appropriate (i.e., photo development labs, clean lab, etc.).

Prior Tests, also we highly recommend you to make real application tests in your own working conditions and chemicals before using the Grapol® directly to ensure and confirm the suitability of material. You can contact local Grapol® distributor or fabricator or call Grapol® center for getting samples for testing.

Note: Products that are not listed may be similar to the ones that are. Please compatre the ingredients listed on their label or in their MSDS (Material Safety Data Sheet) to the ones mentioned.

Joints resistance, the resistance to staining of Grabond™ is less than that of Grapol® sheet and shape.

Exposure time, the published data are for 16 hour exposure time. In reality exposure can be much longer. A leaking liquid soap dispenser may cause a liquid puddle under it for weeks and months. Or, some containers have poorly designed spouts-caps from which product leaks every time they are used, so that they stand constantly in their spill. If needed, a drip cup or a spill tray in a suitable material would solve these problems.

Kısıtlamalar

Do not use Grapol® where common sense would deem it unsafe. It is not recommended for below grade wall applications. Take care to avoid installations where moisture could be trapped behind it. There are special considerations for installation in masonry construction.
Contact a local Grapol® distributor or fabricator or call the Grapol® information center for more information. Although Grapol® can withstand high temperatures, it should be protected with hot pads or heat shileds. 13mm or thinner sheets are not recommended for countertops or other horizontal applications.

Grapol® is stain resistant, non porous so spills and stains will not be absorbed into surface. However some chemicals can stain or damage the surface of Grapol®.These chemicals inclue strong acids, bases (alcalis), strong solvents or combinations. **The extend of the damage** will depend on the length of the contact. Acid drain cleaners should not be used as they can damage both Grapol® and any plastic plumbing beneath. Grapol® is not suitable for photographic processing laboratories since used developer stains on Grapol® will require abrasive removal which may generate dust.

Grapol®

SOLID TECHNOLOGIES

THE Collection for all lifestyles

Grapol® USA-**NSF International** is certified for health and safety
NSF, The Public Health and Safety Org.

Grapol® NSF Certification program is accredited by **American National Standards Institute**
American National Standards Institute

Grapol® NSF Certification program is accredited by **Standards Council of Canada**
Standards Council of Canada

Grapol® ingredients and compositions are appropriate for **US Food and Drug Administration**
U.S. Food and Drug Administration

Grapol® mechanical tests are approved by **TÜV Deuschland**
TÜV Deutschland

Grapol® is approved **Turkish Food Codex**
Hıfzısıhha Enstitüsü - The Ministry of Health

Grapol Authorized Fabricator

www.grapol.com.tr

TEST INFORMATION

The tests made with Grapol are plain colours at 13mm thickness. The test results may change depending on the colour and texture. The NSF food tests were made at MI 48113 USA.
NSF certification program is accredited by the American National Standards Institude.
The inflammability tests were made at Braunschweig. The mechanical tests were under supervision of TÜV and other tests are made at ISO 9001 certifiedlaboratories.

Color examples that are shown in the edition can be seemed different from the real ones. The dimensions of some colors' example photographs may not be as large as to show the whole part of the texture. You can see real examples of Grapol® colors in the show rooms that sell Grapol® and Authorized Implementing Institutions. All colors have a specific feature; while you are doing your choice and in order to evaluate the appropriate points to your implementing area, you can consult to Grapol® Authorized Implementing Institutions or Consumers Service center www.grapol.com.tr.
In accordance with the information gathered by our experiments, that Grapol® colors that contain dark pigment will show dirt, dust and ordinary wear marks more than the ones that are cast and with granule texture should be taken into account.
Because of this, naturally dark colored ones need a more particular utilization and maintaining. But all colors like all the other Grapol® colors are produced with the features of the same quality, endurance and renewability.

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10+ YEARS WARRANTY

IGC Anti-Microbial

GUARANTEED QUALITY

With proper care, the Grapol® surfaces in your home, office etc. will stay looking like new. That's why all Grapol® surfaces are backed by a 10 year limited product warranty. And when a Grapol® Authorized Certified Fabricator installs your Grapol® , the entire job is warranted for 10 years against fabrication and installation defects. For complete details, see warranty literature.

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