October 19

CLEANING RECOMMENDATION

Duropal HPL and DecoBoard

Duropal HPL, compact laminates, flat bonded elements and worktops with melamine resin or electron beam-cured surface and DecoBoard products with melamine resin facing are characterised by their outstanding material properties. They are durable, hygienic and easy-care.

The high-quality material surfaces are neither corrosive nor do they oxidise. They need no further surface treatment, e.g. with lacquer, oil, or other coatings. However, any contaminations or dirt of any form should be removed straight away if possible.

Please note the following information to achieve an optimum care and cleaning effect and to retain the material surface properties long-term.

BASIC CLEANING

The basic cleaning is used for dirt under normal use conditions. In general it involves greasy dirt, which is caused by activities such as cooking and baking or fingermarks, liquid residues and stains.

The basic cleaning of the surface is carried out by regular use of hot water and cleaning product solutions. Suitable cleaning substances are commercially available washing-up liquid, alternatively, fat-dissolving/degreasing all-purpose cleaners can be used. Heavier soiling or more stubborn dirt should be given the opportunity to soak. The damp surface is then wiped down with hot, clean water until all residues of the cleaning agent have been removed. Then rub dry with a dry, lint-free cloth, where possible in the decor or texture direction or uniformly in one direction, to avoid smearing or streaks.

Do not use cleaning agents, cloths or sponges that contain abrasive constituents. Examples of these are scouring cream, polishing abrasives and sponges (e.g. “Scotch Brite” or similar). Abrasive constituents and / or movements can irreparably damage the fine texture of the surface!

As a cleaning substance are also unsuitable so-called “balsam” washing-up liquids with moisturising aloe Vera additives. The skin care substances they contain form a film on the product surface that is very difficult to remove.

Also, contact with aggressive cleaning products or descalers should not be used, but if they are, then they should only remain on the surface for a very short time. Drips must be removed immediately. Longer action of these reagents results in the formation of micro-cracks or embrittlement of the surface with subsequent irreparable stains or edge formation. As far as we are aware, the surfaces can be kept perfectly clean if these instructions are followed.

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INTENSIVE CLEANING

If, contrary to expectations, residues still exist on the surface after basic cleaning, intensive cleaning of the surfaces is recommended, taking into account the respective instructions for use of the cleaning product manufacturer.

We achieved the best cleaning results with:

- P&G – “Meister Proper” kitchen cleaner
- Der General - kitchen cleaner
- Mellerud - kitchen degreaser
- Ostermann - Teclinex One for All
- Caramba - TG 22

The detailed results of the cleaning tests are given in the table in the cleaning recommendations section.

The cleaning must always be carried out according to the manufacturer’s instructions. In general by spraying the cleaning products, keeping to the appropriate application time and subsequent basic cleaning according to the above recommendation. Before using for the first time it is advisable to test out the product in a concealed area.

Where dirt has been left for a longer period and layers or particularly difficult to remove residues have formed, it may be necessary to repeat the procedure.

SPECIAL CLEANING

Contamination by household chemicals

DecoBoard and Duropal HPL are homogeneous, non-porous materials and are resistant to most household chemicals. Although liquids cannot penetrate the material, dirt or stains must be wiped off immediately. Longer contact, mainly with caustic substances, e.g. aggressive household cleaners, toilet cleaners or oven cleaners, must be avoided.

Limescale contamination

Clean the surface with warm 10% vinegar or citric acid solution and then rinse the surface with water. If a standard household descaler is used, the surface must be rinsed with water immediately. “Mellerud Küchenentfetter” (kitchen degreaser) has also proven its worth as a limescale remover.

Contamination by paraffin or wax residues

To avoid scratching of the surface, residues of paraffin or wax must be removed carefully by mechanical means first. Use of a plastic or wooden spatula is advisable.

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Contamination by water-soluble paints, varnishes or adhesives

Fresh contamination can normally be cleaned using warm water. Solvents such as ethanol, acetone, cleaner's naphtha or nail varnish remover can be used to removed dried on residues.

Contamination by solvent-based paints, varnishes or adhesives

Fresh contamination can normally be cleaned using solvents; if necessary, dried residues also after longer application time of the solvent. Suitable solvents are ethanol, acetone, cleaner's naphtha or nail varnish remover.

Contamination by 2-part adhesives and varnishes

Contamination by 2-part adhesives and varnishes must be removed from the surface immediately. After curing it is no longer possible to remove this contamination without residues. The surface must be cleaned immediately using a suitable organic solvent; the instructions of the manufacturer of the respective adhesive or varnish system must be followed. 2-part adhesives and varnishes based, e.g. on epoxy resin or polyurethane (PU).

Contamination by silicone or polyurethane-based sealant

To avoid scratching of the surface, residues of sealant must be removed carefully by mechanical means first. Use of a plastic or wooden spatula is advisable. Remaining residues can be cleaned using suitable removers (e.g. silicone remover), if necessary also after a longer application time. Too long contact times with a silicone remover can cause changes to the surface.

Contamination by solvents

After contact of the surface with solvents it must then be washed using warm water and dried using a clean, soft absorbent cloth or standard paper towel.

We cannot accept any liability for damage you have caused yourself.

Contamination from graffiti at HPL / Compact / HPL-Elements

Graffiti can usually be removed with nitro dilution from the Top Velvet (VV) surface structure. Care must be taken to ensure the nitro dilution is only left on the surface for a short time. The surface must then be rinsed with water and dried with a soft, clean, absorbent cloth.
Attention to this cleaning recommendation will mean that there is no impairment to the lacquered surface due to the nitro dilution. Thus, graffiti can be removed several times from the same surface area.

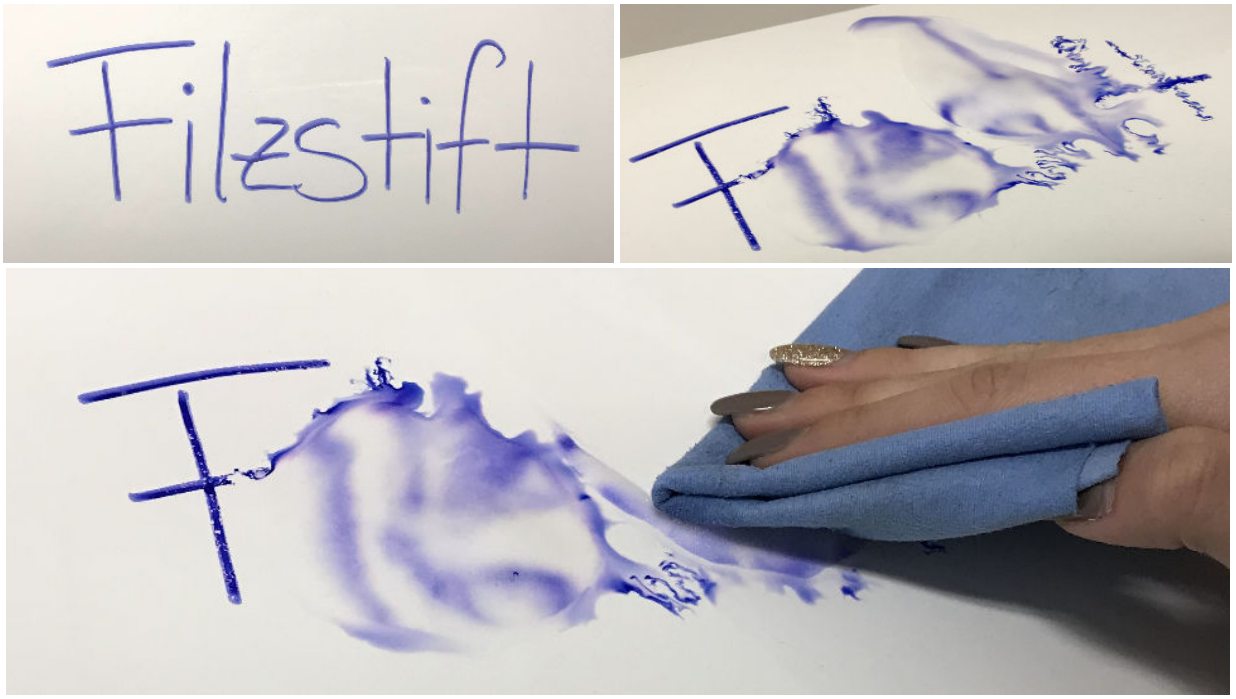
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CLEANING PRODUCT RECOMMENDATIONS

Cleaning tests



Procedure

Our cleaning recommendations are based on dirt applied to Duropal HPL with different surface textures. The HPL surface textures are representative for textured, glossy and matt surfaces.

Evaluation

- Evaluation of the effect of the cleaning product on the respective dirt
- Different application times stand for the drying time of the contamination on the surface
- The minimum application time of the household cleaners is 5 minutes
- Professional cleaners were removed immediately
- Cleaning was always carried out with a dry, clean cloth

Criteria

- ☺ = complete cleaning with little effort
- 😐 = remaining residues, even with large effort
- ☹ = not removable, even with large effort

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Household cleaners

	Impurity caused by	Pencil	Felt-tip	Pen	Edding pen	Wax crayons	shoe polish	Grease (hand lotion)	Glue residue	Make up	Coffee	Tea
	Exposure time	-	30 min	-	-	-	30 min	-	4 h	7 days	1 day	1 day
Cleaning agents	Surface	Results										
Dasty - Fettlöser	VV	☹	☺	☹	☹	☺	☺	☹	☹	☺	☺	☺
	HG	☹	☺	☺	☹	☺	☺	☺	☹	☺	☺	☺
	XM / XP	😐	☺	☹	☹	☺	☺	☹	☹	☺	☺	☺
	MO	☹	☺	😐	☹	☺	☺	☺	☹	☺	☺	☺
Dasty - Gläser und Oberflächen	VV	😐	☺	☹	☹	😐	☺	😐	☹	☺	☺	☺
	HG	☹	☺	☹	☹	☺	☺	☺	☹	☺	☺	☺
	XM / XP	😐	☺	☹	☹	☺	☺	☺	☹	☺	☺	☺
	MO	😐	☺	☹	☹	☺	☺	☺	☹	☺	☺	☺
Der General Küchenreiniger	VV	☹	☺	☺	☹	☺	☺	😐	☹	☺	☺	☺
	HG	☹	☺	☺	😐	☺	☺	☹	☹	☺	☺	☺
	XM / XP	☺	☺	☹	☹	☺	☺	😐	☹	☺	☺	☺
	MO	😐	☺	😐	☹	☺	☺	☺	☹	☺	☺	☺
Henkel - Sidol-Glasreiniger	VV	☹	☺	☹	☹	☺	☺	☺	☹	☺	☺	☺
	HG	☹	☺	☹	☹	☺	☺	☺	☹	☺	☺	☺
	XM / MX	😐	☺	☹	☹	☺	☺	☺	☹	☺	☺	☺
	MO	😐	☺	☹	☹	☺	😐	☺	☹	☺	☺	☺
Mellerud - Küchenentfetter	VV	☺	☺	😐	☹	☺	☺	😐	☹	☺	☺	☺
	HG	☹	☺	☺	😐	☺	☺	☺	☹	☺	☺	☺
	XM / XP	😐	☺	😐	😐	☺	☺	😐	☹	☺	☺	☺
	MO	😐	☺	☹	☹	☺	☺	☺	☹	☺	☺	☺
P&G - Meister Proper Küche	VV	☺	☺	😐	☹	☺	☺	☹	☹	☺	☺	☺
	HG	☹	☺	😐	☹	☺	☺	☹	☹	☺	☺	☺
	XM / XP	😐	☺	😐	😐	☺	☺	☺	☹	☺	☺	☺
	MO	😐	☺	☺	☹	☺	☺	☺	☹	☺	☺	☺
SC Johnson - Mr Muscle	VV	☹	☺	☹	☹	☺	☺	😐	☹	☺	☺	☺
	HG	☹	☺	☺	☹	☺	☺	☺	☹	☺	☺	☺
	XM / XP	😐	☺	😐	☹	☺	☺	☺	☹	☺	☺	☺
	MO	☹	☺	😐	☹	☺	☺	☺	☹	☺	☺	☺

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Professional cleaners

	Impurity caused by	Pencil	Felt-tip	Pen	Edding pen	Wax crayons	shoe polish	Grease (hand lotion)	Glue residue	Make up	Coffee	Tea
	Exposure time	-	30 min	-	-	-	30 min	-	4 h	7 days	1 day	1 day
Cleaning agents	Surface	Results										
Caramba - TG22	VV	☹	☺	☺	😐	☺	☺	☺	😐	☺	☺	☺
	HG	☹	☺	☺	😐	☺	☺	☺	☹	☺	☺	☺
	XM / XP	😐	☺	☹	☹	☺	☺	☺	😐	☺	☺	☺
	MO	☹	☺	😐	😐	☺	☺	☺	☹	☺	☺	☺
Henkel - TechnoMelt	VV	😐	☹	☹	☹	☺	☺	☺	☹	☺	☺	☺
	HG	☹	☹	☹	☹	☺	☺	☺	☹	☺	☺	☹
	XM / XP	😐	☹	☹	☹	☺	😐	☺	☹	☺	☺	☹
	MO	☹	☹	☹	☹	☺	😐	☺	☹	☺	☺	☹
Ostermann - FSG-Kunststoff-reiniger	VV	☹	😐	☺	☺	☺	☺	😐	☹	☺	☺	☹
	HG	☹	☺	☺	☺	☺	☺	☺	☹	☺	☺	😐
	XM / XP	😐	😐	☺	😐	☺	☺	😐	☹	☺	☺	☹
	MO	☹	☹	☺	☺	☺	☺	☺	☹	☺	☺	☹
Ostermann - Teclines One for All	VV	☹	😐	☺	☺	☺	☺	☺	☹	☺	☺	😐
	HG	☹	☺	☺	☺	☺	☺	☺	☹	☺	☺	☹
	XM / XP	😐	☺	☺	☺	☺	☺	☺	☹	☺	☺	☺
	MO	☹	☺	😐	☺	☺	☺	☺	☹	☺	☺	☹

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