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CLEANING RECOMMENDATION

Duropol XTreme (XM)
Duropol XTreme plus (XP)

Duropol XTreme (XM) and Duropol XTreme plus (XP) are characterised in particular by their material properties such as longevity, hygiene and easy care. The high-quality surfaces are neither corrosive nor do they oxidise, and the surface requires no additional treatment with e.g. lacquer, oil, wax, furniture polish or other paints or coatings. However, any stains or soiling should be removed as soon as possible.

Please observe the following to achieve optimum care and cleaning effects and to maintain the condition of the surfaces in the long term.

BASIC CLEANING GENERAL

Hot water-detergent solutions are generally used for the regular basic cleaning of Duropol XTreme (XM) and Duropol XTreme plus (XP). Commercial dishwashing products or degreasing, all-purpose cleaning agents are suitable.

In the event of stubborn stains or soiling, leave the cleaning solution to act, to achieve maximum effectiveness, and then wipe the wet surface with clean, hot water to remove all the residues of the cleaning agent. Finally, dry off with a dry, lint-free cloth in the direction of the pattern or grain, or uniformly in one direction to avoid streaking.

You may have to repeat the process several times to effectively remove older or intensive stains or soiling, or where there is a build-up of residues.

We ascertained no damage to the surface when cleaning with (dry or damp) microfibre cloths. However, it is important to avoid using cleaning agents, cleaning cloths or sponges containing abrasive components, e.g. scouring cream, polishing agents and sponges (Scotch-Brite, steel wool, etc.). Abrasive components and/or movements could cause irreparable damage to the fine structure of the surface.

“Balm” detergents are also suitable to use as a cleaning agent, as they are not harmful to the skin and the substances they contain form a film on the product surface which is difficult to remove. Contact with aggressive cleaning agents or decalcifying products should, if used at all, be limited to a very short period, and any drips or spillage must be removed immediately. Prolonged action of these agents may lead to micro fissures or may render the surface brittle causing irreparable soiling or the formation of edge staining.

In view of these recommendations and based on our findings, Duropol XTreme (XM) and Duropol XTreme plus (XP) are easy to clean and maintain.

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INTENSIVE CLEANING

The following cleaning recommendations have been developed specifically for cleaning Duropal XTreme (XM) and Duropal XTreme plus (XP), and have not been designed for use with other Duropal HPL surfaces.

Basis for cleaning recommendations

- For reasons of comparability, all stains or soiling were applied to a specific decor (U11027 Icy White) in Duropal XTreme (XM) and Duropal XTreme plus (XP) quality. A sample was only stained or soiled once with the relevant substance.
- The contact time with the soiling substance was 24 hours.
- To avoid interaction between the substances, each sample was always cleaned with one cleaning agent. The aim was to clean the sample area thoroughly with the least aggressive cleaning agent. The sequence of the cleaning actions ranges from "mild cleaning" (water) to "strong, aggressive cleaning" (acetone).
- For reasons of comparability, the contact time of the cleaning agent was 10 seconds only in each case, and we would anticipate an improved cleaning result with a longer contact time.
- Cleaning should always be carried out in accordance with the manufacturer's instructions for the cleaning agent. Prior to using the cleaning agent for the first time, it is always recommended to perform a test in a place that is not highly visible.
- Note on cleaning with acetone: this is a hazardous substance! Please note the usage instructions in the material safety data sheet. Cleaning with acetone should only be carried out as a last resort, and is unsuitable for daily cleaning in a home environment.
- Note on cleaning with dirt erasers: owing to their material properties (melamine), dirt erasers have an abrasive effect that may degrade the gloss surface of Duropal XTreme (XM) and Duropal XTreme plus (XP). This cleaning agent is not suitable for daily basic cleaning. We do not recommend using dirt erasers on other Duropal-HPL surfaces.



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Duropol XTreme (XM) – Our recommendation

Cleaning agent	Water	Sidolin streak-free (Henkel)	Mellerud kitchen degreaser (Mellerud)
Stain or soiling	Coffee Black tea Balsamic Ketchup Beetroot Olive oil Coca-Cola Mustard Water Pencil Highlighter pen Hand cream	Red wine Wax crayon	Lipstick Shoe polish

Duropol XTreme plus (XP) – Our recommendation

Cleaning agent	Water	Sidolin streak-free (Henkel)	Mellerud kitchen degreaser (Mellerud)
Stain or soiling	Coffee Black tea Balsamic vinegar Ketchup Olive oil Coca-Cola Water Pencil Highlighter pen Hand cream	Red wine Beetroot Mustard Wax crayon	Lipstick

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Cleaning with acetone

Note on cleaning with acetone: this is a hazardous substance! Please note the usage instructions in the material safety data sheet. Cleaning with acetone should only be carried out as a last resort, and is unsuitable for daily cleaning in a home environment.

Cleaning with acetone should only be used exclusively on specific stains or soiling that cannot be removed with other cleaning agents.

	Duropal XTreme (XM)	Duropal XTreme plus (XP)
Cleaning agent	Acetone	
Stain or soiling	Permanent marker Graffiti spray Superglue Ballpoint pen Nail varnish Pattex superglue Stamp ink	Permanent marker Graffiti spray Superglue Ballpoint pen Nail varnish Pattex superglue Shoe polish Stamp ink

Cleaning with a dirt eraser sponge

Similar to acetone, cleaning with a dirt eraser sponge should only be used exclusively on specific stains or soiling to remove the stains or soiling completely.

	Duropal XTreme (XM)	Duropal XTreme plus (XP)
Cleaning agent	Dirt eraser sponge	
Stain or soiling	Pencil Permanent marker Ballpoint pen Lipstick Red wine Shoe polish Wax crayon	Pencil Permanent marker Ballpoint pen Lipstick Red wine Shoe polish Wax crayon

Removing superglue

Pattex superglue products should not be removed with any of the common cleaning agents, but can be carefully scraped/peeled off once it has dried. A cleaning agent can then be applied to completely remove the stain or soiling.

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ANNEX – EVALUATION OF CLEANING TESTS*

*in accordance with the school grate principle

Easy cleaning	
1	Complete removal of the stain or soiling with one wipe
2	Complete removal of the stain or soiling with three wipes
Cleaning that requires more effort	
3	Complete removal of the stain or soiling after several wipes using increasing pressure
4	Complete removal of the stain or soiling after several wipes using increasing pressure and a further application of the cleaning agent
Complete stain removal not possible	
5	Stain or soiling cannot be completely removed, minimal residues remain on the surface, even after several wipes using increasing pressure and a further application of the cleaning agent
6	Stain or soiling cannot be removed, even after several wipes using increasing pressure and a further application of the cleaning agent
Cleaning with acetone	
/	No cleaning with acetone was required, as good cleaning results were achieved previously

	Cleaning agent	Water		Sidolin streak-free (Henkel)		Mellerud kitchen degreaser (Mellerud)		Acetone	
		XM	XP	XM	XP	XM	XP	XM	XP
Stain or soiling	Coffee	1	2	1	2	1	2	/	/
	Black tea	4	4	2	2	2	3	/	/
	Balsamic	4	3	4	3	4	3	/	/
	Red wine	6	6	2	2	2	2	/	/
	Ketchup	4	4	4	4	4	2	/	/
	Beetroot	2	6	3	2	3	4	/	/
	Olive oil	4	4	4	4	2	4	/	/
	Coca-Cola	2	2	1	4	1	4	/	/
	Mustard	4	5	4	4	4	5	/	/
	Water	3	2	2	4	2	2	/	/
	Permanent marker	6	6	6	6	6	6	4	4
	Stamp ink	6	6	6	6	6	6	4	3
	Pen	4	4	4	5	3	3	3	2
	Highlighter pen	1	1	1	1	1	1	/	/
	Ballpoint pen	6	6	6	6	6	6	3	3
	Pattex superglue	6	6	6	6	6	6	4	4
	Lipstick	6	6	6	6	4	4	4	5
	Graffiti spray	6	6	6	6	6	6	4	4
	Shoe polish	6	6	5	6	4	5	3	3
	Nail varnish	6	6	6	6	6	6	4	4

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	Wax crayon	6	6	4	4	4	2	/	/
	Hand cream	2	2	2	2	2	2	/	/

We cannot accept liability for damage caused by the user.

PM HPL/elements

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