

CLEANING RECOMMENDATION

Decorative Pfleiderer products



- **FunXTional Products – Duropal XTreme, Duropal SolidColor XTreme, Duropal XTreme Touch, Duropal XTreme plus, PrimeBoard XTreme**
- **Duropal HPL, Duropal SolidColor**
- **Melamine faced boards**

are characterised by excellent material properties. They are durable, hygienic and easy to clean.

The following recommendations serve as a guideline for proper cleaning with optimum care and cleaning effect in order to maintain the condition of the material surface in the long term. They do not claim to be complete. Pfleiderer also has no commercial connection with the manufacturers of the cleaning agents mentioned. The general cleaning recommendations of the manufacturers apply. Pfleiderer accepts no liability for damage caused by improper use of the recommended cleaning agents or cleaning tools, or by inadmissible chemical or mechanical effects.

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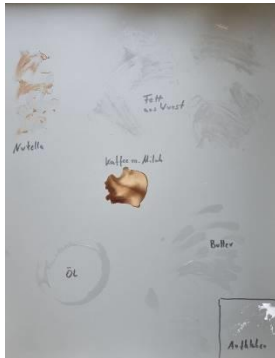
GENERAL CLEANING INFORMATION

Daily basic cleaning is used for soiling under normal conditions of use. As a rule, this is greasy soiling caused by cooking or baking, but also by fingerprints, liquid residues and stains.

Cleaning is done by regular application of ideally warm water cleaning agent solutions. Commercially available washing-up liquids or grease-dissolving all-purpose cleaners are suitable as cleaning substances. Heavy soiling is first soaked. Then wipe the damp surface with hot, clear water until all residues of the cleaning agent have been removed. Finally, rub with a dry, lint-free cloth, if possible in the direction of the decor or structure or evenly in one direction to avoid streaks.

Note: Cleaners are often given little or no time to act on soiling. Depending on the soiling, this should generally be 30 seconds to 2 minutes.

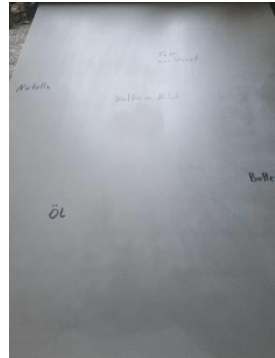
Cleaning guide



1. Dirty surface



2. Wipe damp



3. Wipe dry



4. Apply cleaner over a wide area



5. Remove cleaning residues after the effective time with hot water and a microfibre cloth



6. Rub the front evenly dry with a cotton cloth.



7. Streak and smear-free result

Cleaning instructions

- Decorative Pfleiderer products must be cleaned regularly. Contamination in any form should be removed as soon as possible.
- Grease contamination can lead to permanent changes (layer formation) of the surface if left for a longer period of time or repeatedly contaminated without cleaning. These must be removed immediately or after 12 hours at the latest.
- In daily use and when cleaning the surfaces, avoid standing water and wipe off immediately.
- The use of care products such as furniture oils or polishes is not necessary.
- Skin-care "balsam" rinsing agents with lipid-replenishing aloe vera additives form a film on surfaces that is difficult to remove. These are not recommended for cleaning.
- Cleaning agents and cleaning cloths or sponges that contain abrasive ingredients should be avoided at all costs (e.g. Scotch Brite pot cleaner, eraser).

A longer exposure time to the following cleaners may lead to the formation of small cracks or surfaces could become brittle, with subsequent irreparable staining or edge damages!

- All aggressive cleaning agents or descalers for coffee machines may only remain on the surfaces for a very short time. Any drips must be removed immediately.
- When using limescale cleaners for the first time, a test must be carried out on an inconspicuous area.
- Do not use cleaners with strong acids or acidic salts! These include formic or amidosulphonic acid-based decalcifiers, drain cleaners, hydrochloric acid, silver polishes of all kinds and oven cleaners.
- Aggressive cleaners with ingredients such as sodium hypochlorite or hydrogen peroxide must be removed several times with damp cloths immediately after use.
- When cleaning with solvents, the accident prevention regulations must be observed. Windows must be opened! Avoid naked flames and skin contact!
- The use of steam cleaners is not recommended.
- In the case of thermoplastic edgebandings, petrol, thinner, acetic acid, nail varnish remover and similar substances with a high solvent content and alcohol can lead to cracks or white fractures if they are not removed immediately.
- The high-quality Pfleiderer surfaces are neither corrosive nor do they oxidise. They do not require any further surface treatment, e.g. varnish, oil or other coatings.

CLEANING RECOMMENDATIONS – Decorative Pfleiderer products

If residues remain on the Pfleiderer surfaces after daily cleaning, intensive cleaning of the affected surfaces is required.

As a basis for the cleaning recommendation, soiling is applied to Duropal HPL and melamine faced boards with different structured and unstructured surfaces. Furthermore, the FunXTional products Duropal XTreme, Duropal SolidColor XTreme, Duropal XTreme Touch, Duropal XTreme plus and PrimeBoard XTreme were assessed.



Cleaning procedure

Different types of soiling are applied to the surfaces. Cleaning is carried out according to the following instructions:

1. Apply cleaner sparingly to the surface. The dosage of liquid cleaners depends on the soiled surface. Before first use, it is advisable to test on an invisible area.
2. Ideally, spread the cleaner over the surface with your fingers.
3. Leave the cleaner to work for 30 seconds to 2 minutes, depending on the degree of soiling.
4. Remove the cleaner first with a dry, lint-free paper towel; in the case of directionally bound structures, clean in the direction of the texture.
5. Wipe with a damp microfibre cloth, especially on food contact surfaces.
6. To avoid streaking, wipe the surface dry with a paper or cotton cloth.

Notes

- Cleaning only parts of the surface can result in unsightly transitions from cleaned to uncleaned surfaces. In this case, it is recommended to clean the entire surface according to the above-mentioned cleaning procedure.
- In the case of longer soiling exposure times, it may be necessary to repeat the procedure due to the formation of layers or in the case of residues that are particularly difficult to remove.
- The information and safety instructions of the cleaning agent manufacturer must be observed!

Test criteria

- Effect of the cleaning agent on the respective soiling.
- The minimum exposure time of the household cleaners is between 30 seconds to 2 minutes. Professional cleaners (Henkel TechnoMelt, Ostermann FSG plastic cleaner) were removed immediately after application.
- Different exposure times represent the drying time of the contamination on the surface.

Evaluation

- 😊 = complete cleaning with minimal effort
- 😞 = Residues remaining, even with high effort

Soiling / contact time	Cleaning agents	Duropal HPL / Melamine faced boards unstructured surfaces ¹	Duropal HPL / Duropal SolidColor / Melamine faced boards structured surfaces ²	FunXTional Products ³ Duropal XTreme, Duropal SolidColor XTreme, Duropal XTreme Touch, Duropal XTreme plus, PrimeBoard XTreme	
Pencil / not required	Dasty Fettlöser ⁴	Not recommended	Not recommended	☹️	
	Dasty Gläser und Oberflächen ⁵		☹️	☺️	
	Der General Küchenreiniger ⁶		Not recommended	Not recommended	☹️
	Henkel Sidol-Glasreiniger ⁷				
	Henkel TechnoMelt ⁸		☹️	☹️	
	Mellerud Küchenentfetter ⁹		☹️	☹️	
	Ostermann FSG-Kunststoffreiniger ¹⁰		☹️	☹️	
SC Johnson Mr Muscle ¹¹	☹️	☹️	☹️		
Marker pen / 30 minutes	Dasty Fettlöser ⁴	☺️	☺️	☺️	
	Dasty Gläser und Oberflächen ⁵	☺️	☺️	☺️	
	Der General Küchenreiniger ⁶	Not recommended	Not recommended	Not recommended	
	Henkel Sidol-Glasreiniger ⁷				
	Henkel TechnoMelt ⁸	☺️	☺️	☺️	
	Mellerud Küchenentfetter ⁹	☺️	☺️	☺️	
	Ostermann FSG-Kunststoffreiniger ¹⁰	☹️	☹️	☹️	
SC Johnson Mr Muscle ¹¹	☹️	☹️	☹️		
Ballpen / not necessary	Dasty Fettlöser ⁴	Not recommended	☺️	Not recommended	
	Dasty Gläser und Oberflächen ⁵	☺️	Not recommended		
	Der General Küchenreiniger ⁶	☺️	☺️		
	Henkel Sidol-Glasreiniger ⁷	Not recommended	Not recommended	☹️	
	Henkel TechnoMelt ⁸			☹️	
	Mellerud Küchenentfetter ⁹	☺️	☺️	Not recommended	
	Ostermann FSG-Kunststoffreiniger ¹⁰	☺️	☺️	☺️	
SC Johnson Mr Muscle ¹¹	☹️	Not recommended	☺️		
Wax crayons / not necessary	Dasty Fettlöser ⁴	☺️	☺️	☺️	
	Dasty Gläser und Oberflächen ⁵		☹️		
	Der General Küchenreiniger ⁶		☺️		☺️
	Henkel Sidol-Glasreiniger ⁷				
	Henkel TechnoMelt ⁸		☺️		☺️
	Mellerud Küchenentfetter ⁹		☺️		☺️
	Ostermann FSG-Kunststoffreiniger ¹⁰		☺️		☺️
SC Johnson Mr Muscle ¹¹	☺️	☺️			
Shoe polish / 30 minutes	Dasty Fettlöser ⁴	☺️	☺️	☺️	
	Dasty Gläser und Oberflächen ⁵		☺️	☺️	
	Der General Küchenreiniger ⁶		☺️	☺️	
	Henkel Sidol-Glasreiniger ⁷		☺️	☺️	
	Henkel TechnoMelt ⁸		☹️	☹️	
	Mellerud Küchenentfetter ⁹		☺️	☺️	
	Ostermann FSG-Kunststoffreiniger ¹⁰		☺️	☺️	
SC Johnson Mr Muscle ¹¹	☺️	☺️			
Grease (hand cream) / not necessary	Dasty Fettlöser ⁴	Not recommended	☺️	Not recommended	
	Dasty Gläser und Oberflächen ⁵	☺️	☹️	☺️	
	Der General Küchenreiniger ⁶	Not recommended	☹️	☹️	
	Henkel Sidol-Glasreiniger ⁷	☺️	☺️	☺️	
	Henkel TechnoMelt ⁸			☹️	
	Mellerud Küchenentfetter ⁹	☺️	☺️	☺️	
	Ostermann FSG-Kunststoffreiniger ¹⁰	☺️	☺️	☺️	
SC Johnson Mr Muscle ¹¹	☹️	☹️	☺️		
Glue residues / 4 hours	Dasty Fettlöser ⁴	Not necessary	Not necessary	Not necessary	
	Dasty Gläser und Oberflächen ⁵				
	Der General Küchenreiniger ⁶				
	Henkel Sidol-Glasreiniger ⁷				
	Henkel TechnoMelt ⁸				
	Mellerud Küchenentfetter ⁹				
	Ostermann FSG-Kunststoffreiniger ¹⁰				
SC Johnson Mr Muscle ¹¹					

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Soiling / contact time	Cleaning agents	Duropal HPL / Melamine faced boards unstructured surfaces ¹	Duropal HPL / Duropal SolidColor / Melamine faced boards structured surfaces ²	FunXTional Products ³ Duropal XTreme, Duropal SolidColor XTreme, Duropal XTreme Touch, Duropal XTreme plus, PrimeBoard XTreme
Make-Up / 7 days	Dasty Fettlöser ⁴	☺	☺	☺
	Dasty Gläser und Oberflächen ⁵			
	Der General Küchenreiniger ⁶			
	Henkel Sidol-Glasreiniger ⁷			
	Henkel TechnoMelt ⁸			
	Mellerud Küchenentfetter ⁹			
	Ostermann FSG-Kunststoffreiniger ¹⁰			
SC Johnson Mr Muscle ¹¹				
Coffee / 24 hours	Dasty Fettlöser ⁴	☺	☺	☺
	Dasty Gläser und Oberflächen ⁵			
	Der General Küchenreiniger ⁶			
	Henkel Sidol-Glasreiniger ⁷			
	Henkel TechnoMelt ⁸			
	Mellerud Küchenentfetter ⁹			
	Ostermann FSG-Kunststoffreiniger ¹⁰			
SC Johnson Mr Muscle ¹¹				
Tea / 24 hours	Dasty Fettlöser ⁴	☺	☺	☺
	Dasty Gläser und Oberflächen ⁵			
	Der General Küchenreiniger ⁶			
	Henkel Sidol-Glasreiniger ⁷	Not recommended	Not recommended	Not recommended
	Henkel TechnoMelt ⁸	☺	☺	☺
	Mellerud Küchenentfetter ⁹	☺	☺	☺
	Ostermann FSG-Kunststoffreiniger ¹⁰	☹	Not recommended	Not recommended
SC Johnson Mr Muscle ¹¹	☺	☺	☺	

*1 unstructured surfaces: CM, HG, HS, ML, MS, SM

*2 structured surfaces: CO, CR, FG, GR, MO, MP, NW, RC, RT, RU, SD, SX, VE, VO, VV

*3 FunXTional Products: Duropal XTreme (XMSM), Duropal SolidColor XTreme (XMSM), Duropal XTreme Touch (XMRT, XMVO), Duropal XTreme plus (XPSM), PrimeBoard XTreme (XG, XT)

List of cleaning agents

*4 Dasty Fettlöser / Dasty Italy spa, Bagnatica (BG), Italy / www.dastysolution.com

*5 Dasty Gläser und Oberflächen / Dasty Italy spa, Bagnatica (BG), Italy / www.dastysolution.com

*6 DER GENERAL Küchenreiniger / Henkel Wasch- und Reinigungsmittel GmbH, D-40191 Düsseldorf / www.henkel-reiniger.de

*7 Henkel Sidolin Glasreiniger / Henkel Wasch- und Reinigungsmittel GmbH, D-40191 Düsseldorf / www.henkel-reiniger.de

*8 Henkel TechnoMelt / Henkel AG & Co. KGaA, D-40589 Düsseldorf / www.henkel-adhesives.com/de/de.html

*9 Mellerud Küchenreiniger / MELLERUD CHEMIE GmbH, D-41379 Brüggen / www.mellerud.de

*10 Ostermann FSG Kunststoffreiniger / Rudolf Ostermann GmbH, D-46395 Bocholt / www.ostermann.eu

*11 SC Johnson Mr Muscle / SC Johnson GmbH, D-47803 Krefeld / www.scjohnson.com



Notes

- Dirt erasers of any kind are only suitable for XTreme (XMSM), SolidColor XTreme (XMSM), XTreme Touch (XMRT, XMVO) and XTreme plus (XPSM)!
- Never remove pencil using an eraser! It is possible that the eraser may cause irreparable damage to the surface!

CLEANING RECOMMENDATIONS – Duropal XTreme, Duropal SolidColor XTreme, Duropal XTreme Touch, Duropal XTreme plus, PrimeBoard XTreme



The FunXTional products Duropal XTreme (XMSM), Duropal SolidColor XTreme (XMSM), Duropal XTreme Touch (XMRT, XMVO) as well as Duropal XTreme plus (XPSM) are electron beam hardened surfaces and PrimeBoard XTreme (XG, XT) are UV hardened surfaces. These are characterised by excellent material properties. They are durable, hygienic and easy to clean.

Cleaning procedure

Different types of soiling are applied to the surfaces. Cleaning is carried out according to the following instructions:

1. Apply cleaner sparingly to the surface. The dosage of liquid cleaners depends on the soiled surface. Before first use, it is advisable to test on an invisible area.
2. Ideally, spread the cleaner over the surface with your fingers.
3. Leave the cleaner to work for 30 seconds to 2 minutes, depending on the degree of soiling.
4. Remove the cleaner first with a dry, lint-free paper towel; in the case of directionally bound structures, clean in the direction of travel.
5. Wipe with a damp microfibre cloth, especially on food contact surfaces.
6. To avoid streaking, wipe the surface dry with a paper or cotton cloth.

Notes

- Cleaning only parts of the surface can result in unsightly transitions from cleaned to uncleaned surfaces. In this case, it is recommended to clean the entire surface according to the above-mentioned cleaning procedure.
- In the case of longer soiling exposure times, it may be necessary to repeat the procedure due to the formation of layers or in the case of residues that are particularly difficult to remove.
- The information and safety instructions of the cleaning agent manufacturer must be observed!

Test criteria

- Single or multiple soiling
- Duration of soiling

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- Detergent test, result assessment

Evaluation

- Evaluation of the effect of the cleaning agent on the respective contamination.
- Different exposure times stand for the drying time of the contamination on the surface
- 😊 = Max. 5 wiping movements, low effort, residue-free cleaning
- 😞 = max. 10 wiping movements, higher effort, residue-free cleaning

Cleaning recommendation – Duropal XTreme (XMSM), Duropal SolidColor XTreme (XMSM), Duropal XTreme Touch (XMRT, XMVO) & Duropal XTreme plus (XPSM)

Contamination	Cleaning agents	Duropal XTreme (XMSM) Duropal SolidColor XTreme (XMSM) Duropal XTreme Touch (XMRT / XMVO)			Duropal XTreme plus (XPSM)		
		Simple contamination period < 1h ¹⁰	Simple contamination period max. 3 weeks ¹⁰	Multiple contamination period max. 3 weeks ¹¹	Simple contamination periode < 1h ¹⁰	Simple contamination periode max. 3 weeks ¹⁰	Multiple contamination periode max. 3 weeks ¹¹
Fingerprint	AmazonBasics Mikrofaser Tuch, damp ¹	😊			😊		
	ARIEL all in 1 PODS ^{2/13}						
	Bref POWER gegen FETT & EINGEBRANNTES ³						
	DER GENERAL Küchenreiniger Zitrone ⁵						
	Frosch Soda Allzweckreiniger Soda ⁶	Not necessary			Not necessary		
	Meister Proper Küchenreiniger ⁷						
	Mellerud Küchenentfetter ⁸						
	Profissimo Schmutzradierer, damp ⁹						
Profissimo Schmutzradierer, dry ⁹							
Butter ¹²	AmazonBasics Mikrofaser Tuch, damp ¹	Not recommended			Not recommended		
	ARIEL all in 1 PODS ^{2/13}	😊			😊	😞	
	Bref POWER gegen FETT & EINGEBRANNTES ³	😊			😊		
	DER GENERAL Küchenreiniger Zitrone ⁵						
	Frosch Soda Allzweckreiniger Soda ⁶	😊	😞		😊	Not recommended	
	Meister Proper Küchenreiniger ⁷	😊	😞		😊	😊	
	Mellerud Küchenentfetter ⁸	😊	😞		😊	😞	
	Profissimo Schmutzradierer, damp ⁹	Not recommended			Not recommended		
Profissimo Schmutzradierer, dry ⁹							
Nivea cream ¹²	AmazonBasics Mikrofaser Tuch, damp ¹	Not recommended			Not recommended		
	ARIEL all in 1 PODS ^{2/13}	😊			😊		
	Bref POWER gegen FETT & EINGEBRANNTES ³	😊	Not recommended		😊	Not recommended	
	DER GENERAL Küchenreiniger Zitrone ⁵	😊	Not recommended		😊	Not recommended	
	Frosch Soda Allzweckreiniger Soda ⁶	😊	Not necessary		😊	Not necessary	
	Meister Proper Küchenreiniger ⁷	😊	😞		Not recommended		
	Mellerud Küchenentfetter ⁸	😊	😞		Not recommended		
	Profissimo Schmutzradierer, damp ⁹	Not recommended			Not recommended		
Profissimo Schmutzradierer, dry ⁹							
Water / Lime residues	AmazonBasics Mikrofaser Tuch, damp ¹	😊	Not recommended		😊	Not recommended	
	ARIEL all in 1 PODS ^{2/13}	Not necessary	😊		Not necessary	Not recommended	
	Bref POWER gegen FETT & EINGEBRANNTES ³	Not necessary			Not necessary		
	Bref POWER UNIVERSAL ENTKALKER	Not necessary			Not necessary		
	DER GENERAL Küchenreiniger Zitrone ⁵	😊					
	Frosch Soda Allzweckreiniger Soda ⁶	Not recommended			Not recommended		
	Meister Proper Küchenreiniger ⁷	Not necessary	Not recommended		Not necessary	Not recommended	
	Mellerud Küchenentfetter ⁸	😊					
	Profissimo Schmutzradierer, damp ⁹	😞					
Profissimo Schmutzradierer, dry ⁹	Not recommended			Not recommended			

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Contamination	Cleaning agents	Duropal XTreme (XMSM) Duropal SolidColor XTreme (XMSM) Duropal XTreme Touch (XMRT / XMVO)			Duropal XTreme plus (XPSM)		
		Simple contamination period < 1h ¹⁰	Simple contamination period max. 3 weeks ¹⁰	Multiple contamination period max. 3 weeks ¹¹	Simple contamination periode < 1h ¹⁰	Simple contamination periode max. 3 weeks ¹⁰	Multiple contamination periode max. 3 weeks ¹¹
Coffee	AmazonBasics Mikrofasertuch, damp ¹	Not recommended			Not recommended		
	ARIEL all in 1 PODS ^{2/13}	☺			☺		
	Bref POWER gegen FETT & EINGEBRANNTES ³	☺			☺		
	DER GENERAL Küchenreiniger Zitrone ⁵	☺			☺		
	Frosch Soda Allzweckreiniger Soda ⁶	☺			☺		
	Meister Proper Küchenreiniger ⁷	☺	Not recommended		☺	Not recommended	
	Mellerud Kücheneffeter ⁸	☺			☺		
	Profissimo Schmutzradierer, damp ⁹	☹			☺	Not recommended	
	Profissimo Schmutzradierer, dry ⁹	Not recommended			Not recommended		

Cleaning recommendation – PrimeBoard XTreme High Gloss (XG) & PrimeBoard XTreme Matt (XT)

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Contamination	Cleaning agents	PrimeBoard XTreme High Gloss (XG)			PrimeBoard XTreme Matt (XT)		
		Simple contamination period < 1h ¹⁰	Simple contamination period max. 3 weeks ¹⁰	Multiple contamination period max. 3 weeks ¹¹	Simple contamination periode < 1h ¹⁰	Simple contamination periode max. 3 weeks ¹⁰	Multiple contamination periode max. 3 weeks ¹¹
Fingerprint	AmazonBasics Mikrofaserluch, damp ¹	☺			☺		
	ARIEL all in1 PODS ^{2/13}						
	Bref POWER gegen FETT & EINGEBRANNTES ³						
	DER GENERAL Küchenreiniger Zitrone ⁵						
	Frosch Soda Allzweckreiniger Soda ⁶	Not necessary			Not necessary		
	Meister Proper Küchenreiniger ⁷						
	Mellerud Kücheneffetter ⁸						
	Profissimo Schmutzradierer, damp ⁹						
Butter ¹²	AmazonBasics Mikrofaserluch, damp ¹	☺		☹	Not recommended		
	ARIEL all in1 PODS ^{2/13}				☺	Not recommended	
	Bref POWER gegen FETT & EINGEBRANNTES ³				☺		
	DER GENERAL Küchenreiniger Zitrone ⁵						
	Frosch Soda Allzweckreiniger Soda ⁶		☺		☺	☹	
	Meister Proper Küchenreiniger ⁷						
	Mellerud Kücheneffetter ⁸				☹		
	Profissimo Schmutzradierer, damp ⁹	Not recommended			Not recommended		
Nivea cream ¹²	AmazonBasics Mikrofaserluch, damp ¹	☺		☹	☹	Not recommended	
	ARIEL all in1 PODS ^{2/13}				☺		
	Bref POWER gegen FETT & EINGEBRANNTES ³				☺	☹	
	DER GENERAL Küchenreiniger Zitrone ⁵		☺		☹		
	Frosch Soda Allzweckreiniger Soda ⁶				☺		☹
	Meister Proper Küchenreiniger ⁷				☺	☹	Not recommended
	Mellerud Kücheneffetter ⁸	☺		☹	Not recommended		
	Profissimo Schmutzradierer, damp ⁹	☹			☺		
Water / Lime residues	AmazonBasics Mikrofaserluch, damp ¹	Not recommended			Not recommended		
	ARIEL all in1 PODS ^{2/13}						
	Bref POWER gegen FETT & EINGEBRANNTES ³	☺		☹	☺		
	Bref POWER UNIVERSAL ENTKALKER				☺	☹	Not recommended
	DER GENERAL Küchenreiniger Zitrone ⁵		☺		☹		
	Frosch Soda Allzweckreiniger Soda ⁶				☺		
	Meister Proper Küchenreiniger ⁷						
	Mellerud Kücheneffetter ⁸				☹		
Profissimo Schmutzradierer, damp ⁹	☹			☹			
Profissimo Schmutzradierer, dry ⁹	Not recommended			Not recommended			

Contamination	Cleaning agents	PrimeBoard XTreme High Gloss (XG)			PrimeBoard XTreme Matt (XT)		
		Simple contamination period < 1h ¹⁰	Simple contamination period max. 3 weeks ¹⁰	Multiple contamination period max. 3 weeks ¹¹	Simple contamination periode < 1h ¹⁰	Simple contamination periode max. 3 weeks ¹⁰	Multiple contamination periode max. 3 weeks ¹¹
Coffee	AmazonBasics Mikrofaserluch, damp ¹	Not recommended			Not recommended		
	ARIEL all in1 PODS ^{2/13}				☹	Not recommended	
	Bref POWER gegen FETT & EINGEBRANNTES ³				☺		
	DER GENERAL Küchenreiniger Zitrone ⁵						
	Frosch Soda Allzweckreiniger Soda ⁶						
	Meister Proper Küchenreiniger ⁷	☺		☹	☺	☹	
	Mellerud Kücheneffetter ⁸				☺		
	Profissimo Schmutzradierer, damp ⁹	☹			☹		
Profissimo Schmutzradierer, dry ⁹	Not recommended			Not recommended			

Explanation "Soiling"

*10 "Simple soiling" is soiled only once and then cleaned after one hour or after three weeks. cleaned.

*11 "Multiple soiling" is soiled several times with identical components, then cleaned after three weeks cleaned.

*12 For the soiling "Butter" and "Nivea creme", the cleaning agent "Profissimo Schmutzradierer, damp" and "Profissimo Schmutzradierer, dry" is used in two cleaning steps.

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1. First, the cleaner "Bref POWER gegen FETT & EINGEBRANNTES" is sprayed onto the surface and spread with the fingers.
 2. The cleaner is left to work for about 30 seconds to 2 minutes, depending on the degree of soiling.
 3. The cleaner is then wiped off with a dry, lint-free paper towel.
 4. The surface is then cleaned with the damp or dry "Profissimo Schmutzradierer".
- *13 The cleaning agent "ARIEL All in 1 Pods" is applied as follows:
The ARIEL Pod is cut open and applied undiluted to the dirt. The amount is to be dosed depending on the the amount of soiling.

Cleaning agent combination

- Other combinations of cleaning agents than those mentioned have not been tested. However, it can be assumed that a combination of dirt eraser and kitchen cleaner, for example, will improve the cleaning result.
- We recommend a cleaning test on a non-visible area first.

Test versions

Duropal XTremem, U12000 XMSM / Duropal XTreme plus, U12000 XPSM / PrimeBoard XTreme U12000 XG, U12000 XT

Cleaning agent usage list

- *1 AmazonBasics Mikrofasertuch (wash with cold water before first use) / www.amazon.de
- *2 ARIEL All in 1 PODS / Procter & Gamble Germany GmbH, D-65824 Schwalbach am Taunus / www.ariel.de
- *3 Bref POWER gegen FETT & EINGEBRANNTES / Henkel Wasch- und Reinigungsmittel GmbH, D-40191 Düsseldorf / www.henkel-reiniger.de
- *4 Bref POWER UNIVERSAL ENTKALKER / Henkel Wasch- und Reinigungsmittel GmbH, D-40191 Düsseldorf / www.henkel-reiniger.de
- *5 DER GENERAL Küchenreiniger Zitrone / Henkel Wasch- und Reinigungsmittel GmbH, D-40191 Düsseldorf / www.henkel-reiniger.de
- *6 Frosch Soda Allzweck-Reiniger / Werner & Mertz GmbH, D-55120 Mainz / www.frosch.de
- *7 Meister Proper SPRÜHEN WISCHEN FERTIG KÜCHENREINIGER FETTLÖSEND / Procter & Gamble Germany GmbH, D-65824 Schwalbach am Taunus / [Marken | Procter and Gamble \(pg.com\)](http://Marken|ProcterandGamble(pg.com))
- *8 Mellerud Küchenentfetter / MELLERUD CHEMIE GmbH, D-41379 Brüggen / www.mellerud.de
- *9 Profissimo Schmutzradierer / dm-drogerie markt GmbH + Co. KG, D-76227 Karlsruhe / www.dm.de



SPECIAL CLEANING – Duropal HPL, Duropal SolidColor, Duropal XTreme, Duropal SolidColor XTreme, Duropal XTreme Touch, Duropal XTreme plus

Contamination by microorganisms (bacteria, fungi, viruses)

In the household, decorative surfaces can be cleaned of many widespread microorganisms with ethanol (spirit) or disinfectants with the greatest possible degree of safety. The use of professional disinfectants in conjunction with decorative Pfeleiderer products is approved in individual cases by the Pfeleiderer test laboratory. Further information can be found in the product information "Disinfectant resistance, stain resistance and chemical resistance of Duropal laminates".

Contamination by household chemicals

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Decorative Pfleiderer products are homogeneous, non-porous materials and resistant to most household chemicals. Although liquids cannot penetrate the material, soiling or stains must be wiped away immediately. Prolonged contact, mainly with corrosive substances such as aggressive household cleaners, toilet cleaners or oven cleaners, should be avoided.

Contamination through lime

Clean the surface with a warm 10% vinegar or citric acid solution and rinse thoroughly with warm water after 10 minutes. If you use a household descaler, rinse the surface immediately with water. Bref POWER UNIVERSAL DECOALER and MEL-LERUD KITCHEN DEFETTER have also proven to be effective as limescale removers.

Contamination by paraffin or wax residues

To avoid scratching the surface, first carefully remove residues of paraffin or wax using a plastic or wooden spatula. Place a piece of blotting paper (e.g. blotting paper) on any remaining residue and briefly place a hot iron (level 1 / silk) on top.

Contamination by water-soluble paints, varnishes or adhesives

Fresh contamination can usually be cleaned with warm water. For dried residues, solvents such as ethanol, acetone or benzene can be used.

Contamination by solvent-based paints, varnishes and adhesives

Fresh contamination can normally be cleaned with solvents; dried residues, if necessary, also after a longer exposure time of the solvent. Suitable solvents are ethanol, acetone or benzene.

Contamination by 2-component adhesives and lacquers

Contamination by 2-component adhesives and varnishes must be removed from the surface immediately. After curing, it is no longer possible to remove this contamination without leaving residues. The surface must be cleaned immediately with a suitable organic solvent; the manufacturer's instructions for the respective adhesive or lacquer system must be observed. 2-component adhesives and lacquers are based e.g. on epoxy resin or polyurethane (PU).

Contamination by silicone or polyurethane-based sealing material

To avoid scratching the surface, residues of sealing material should first be carefully removed mechanically. The use of a plastic or wooden spatula is recommended. Remaining residues can be cleaned with suitable removers (e.g. silicone remover), if necessary also after a longer contact 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 with warm water and dried with a clean, soft, absorbent cloth or a commercially available paper towel.

Contamination through graffiti

Graffiti contamination can usually be removed with nitro thinner. It should be noted that the nitro thinner only requires a short exposure time of a few seconds. The surface is then cleaned with water and dried with a clean, soft, absorbent cloth. If this cleaning recommendation is followed, the nitro thinner will not affect the surface. This means that graffiti can be removed several times from the same spot.

When cleaning with solvents, the accident prevention regulations must be observed. Windows must be opened! Avoid naked flames and skin contact!

RETOUCHING MATERIAL – Offer by special suppliers

In the event of improper cleaning or installation of decorative Pfleiderer products, specialists offer options for retouching defects. Information on this is provided exclusively and by way of example by the suppliers named below.

Sources of supply for retouching material / wax and touch-up pencils**Heinrich König & Co. KG**

An der Rosenhelle 5

D-61138 Niederdorfelden

Tel.: +49 6101 5360-0, Fax: +49 6101 5360-11 oder -99

E-Mail: info@heinrich-koenig.de, Internet: www.heinrich-koenig.de / www.heinrichkoenig-shop.de

Bao – Chemie GmbH & Co.**Chemische Fabrik KG**

Gohrweide 17

D-46238 Bottrop

Tel.: +49 2041 7208-0, Fax: +49 2041 7208-20

E-Mail: info@bao-chemie.de, Internet: www.bao-chemie.de

FSG Schäfer

Boschstraße 14

D-48703 Stadtlohn

Tel.: +49 2563/ 93950

E-Mail: verkauf@fsg-schaefer.de / Internet: www.fsg-schaefer.de

Surface repair service**ARTUS Oberflächen Instandsetzung GmbH**

Hummler Straße 5

D-85416 Langenbach

Tel.: +49 (0) 8761 / 72065-0

E-Mail: artus@artus.eu / Internet: www.artus.eu

PM HPL / Elements / Lacquered boards

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