

DUROPAL GUIDE TO GAINING AN EDGE

R6264 CT
Platon

Duropol worktops – highly resistant to ...*

Melamine resin is the hardest of all synthetically produced organic materials. This is the reason for the high scratch and wear resistance of Duropol-HPL. The high impact resistance of the material is due to the elasticity of phenolic resin. These properties also explain the high resistance of HPL to chemicals and heat. Burning a cigarette on the surface of HPL is one of the quality tests specified in DIN-EN 438, which also determines all the other qualities important for the user. However, the bottoms of saucepans and ovenware can become extremely hot and we recommend using a protective pad.



Cleaning and care instructions

There's nothing easier than cleaning and caring for Duropol Worktops.

A major advantage of Duropol Worktops is that the HPL surface makes cleaning so simple. Usually a moist cloth is sufficient, but use washing-up liquid to get rid of any grease. Stubborn dirt can be removed with an organic solvent such as methylated spirits or alcohol.

		Cleaning method
Light stains		dry or damp paper towels, a cloth or sponge
Normal stains	e.g. fat, oil and dirt particles, fingermarks, lime deposits, rust, juice, coffee, tea, wax, blood, universal marker, etc.	cloth or soft nylon brush and washing powder, soft soap, toilet soap or washing-up liquid. If necessary, leave for a while and then rinse thoroughly with clean water.
Heavy stains	e.g. discolouration through long exposure to tea, coffee, fruit juice, etc.	with washing powder or household bleach (but do not repeat too often)
	e.g. lead pencil, felt-tip pens, marker and ball-point pens, lipstick, crayons, wax, shoe polish, nicotine, nail varnish.	with an organic solvent such as acetone (nail varnish remover), methylated spirits, petroleum spirit, perchloroethene. Read the manufacturer's instructions carefully!
	e.g. paint (water or solvent based paints, two-component paints, spray paints), varnish stains, printing ink	with water or an organic solvent. Remove two-component paints immediately.
	e.g. adhesives (water-based, dispersion)	with water or organic solvent
	e.g. two-component adhesives, urea resin, melamine, phenolic resin	remove immediately. Do not allow to harden!

Please do not cut or chop directly on the worktop surface – always use a chopping board or worktop saver.

Always place hot pans, ovenware and irons on a trivet or protective pad to protect the surface from the intense heat which can cause damage to the worktop if placed directly on the surface. The use of abrasive cleaners and pads, corrosive or aggressive cleaning agents should be avoided as they will have a detrimental effect on the worktop surface.

The use of PVC aprons may possibly affect the durability of the HPL on the post-formed edge of worktops. This could lead to premature wear in high traffic work areas such as in front of the sink and hob.

Kettles, coffee machines, fryers and any other heat or damp source should not be positioned directly over worktop joints. Constant changes in temperature could cause the joint to move and eventually fail.

All gloss worktops will scratch and will show scratches more easily. Additional care should be taken accordingly in both usage and installation.

Cuts and scratches will be noticeable on dark decors and gloss finishes.

Please ensure that due care is taken to correctly seal the product to prevent moisture ingress.



Duropal factory in Arnsberg,
Germany

Why choose Duropal worktops?

Duropal – the HPL and worktop specialist – is part of Pfeleiderer Holzwerkstoffe GmbH (www.pfeleiderer.com), a leading European manufacturer of engineered wood materials.

Since 1958 Duropal has been a world leader in the manufacture of decorative high pressure laminate (HPL), and for over 40 years the best selling worktops have been manufactured from a dense wood particle board core surfaced with a decorative high pressure laminate (HPL).

The majority of kitchens will continue to feature this type of worktop as it is easy to fit, durable and hygienic with many decor options available at a reasonable price.

Tiles can make an attractive surface but the grouting must be sealed, and hygienic cleaning can be difficult. Solid wood tops require regular treatment with oils and may lack long-term durability. Slates and granites give a fine finish but can be difficult to make secure "invisible" joints. Composite worktops benefit from a smooth, seamless surface even in to sink bowls and upstands and are resistant to normal kitchen hazards. However, the choice of decorative effects is limited and prices for such tops are high.

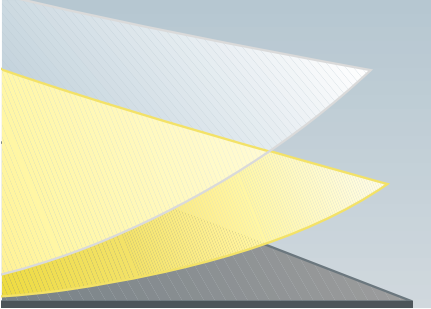
Certified to the highest standards

As a large consumer of chipboard, we ensure that all our material carries the PEFC certification, guaranteeing that it comes from properly environmentally managed and sustainable sources. We have also achieved independent PEFC accreditation to provide surety for 'chain of custody'.



How Duopal worktops are made

The core of Duopal worktops is E1 grade high density particle board. Pfeleiderer manufactures this material from a mixture comprising resin and small wood chips, pressed to make a large sheet. A cut section will reveal layers. Small particles form the outer surfaces and the core is made from larger chips. This structure gives strength, retains fittings, allows machining and provides an excellent surface for adhesion to HPL.



Duopal worktops are surfaced with genuine Duopal high pressure laminate produced to DIN-EN 438.

The glue-line is guaranteed moisture and heat resistant to DIN-EN 204. Duopal HPL is a "sandwich" of "kraft" papers impregnated with phenolic resin, an underlay paper to prevent the core showing through, a pattern paper and a protective overlay both soaked in melamine resin. The resulting structure is pressed at 150 °C at 100 kg/cm². This process yields an incredibly tough sheet to bond to the particleboard.

The underside of the worktop is protected by a moisture barrier foil. Leading edges are "postformed" to the underside demonstrating an attractive and practical profile – both our Classic and Quadra profiles are shown below. The joint between the postformed HPL and the moisture barrier foil is rendered moisture-proof by a "V" groove filled with cast resin. This special seal is unique to Duopal worktops and helps to prevent liquid spills finding their way into drawers and cupboards and gives extra protection when used in hazard areas such as above dishwashers and laundry appliances. Duopal worktops are 4,100 mm long, the optimum length for the average kitchen thus helping to reduce waste and unwanted offcuts. Duopal worktops are 40 mm thick, giving a rigid surface, a firm anchor for fixings and an aesthetically pleasing appearance.

Classic profile



The Duopal Classic profile, long established and highly regarded as a consistent performer, is available in this collection in 12 colourways.
– 6 mm radius

Quadra profile



The Duopal Quadra profile, fashionable yet tried and tested, offers you unique product features and is available in this collection in 49 colourways.
– 3 mm radius

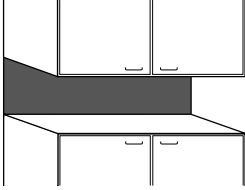
Special seal



All Duopal worktops with both Classic and Quadra profiles come with a unique seal designed to ensure a lifetime of protection against moisture and steam.

Choice

Choose colour, pattern, texture and profile to suit your kitchen. Make your choice with care, referring to cabinet style and room character – consult your Duropal dealer for advice. To help complete your new kitchen, Duropal also offer HPL upstands and back panels to match all 61 worktop decors.



HPL MDF Back Panels: Consisting of an 8 mm E1 medium density fibreboard (MDF) core surfaced with genuine Duropal high-pressure laminate manufactured to DIN-EN 438. Available to match all 61 decors plus 1 real metallic option (Alu 1 – not available as a worktop).

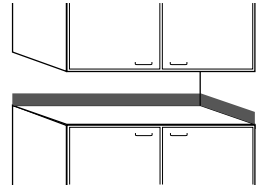
For installation behind hobs, check the hob manufacturer's fitting instructions to ensure that suitability and distance requirements are met.

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HPL Upstands: Surfaced in genuine Duropal high-pressure laminate produced with P3 moisture-resistant chipboard core and available to match all 61 decors.

An ideal finishing touch for your Duropal high-pressure laminate worktops offering another cost-efficient and hygienic alternative to tiling.

* Whilst our Duropal hpl upstands are produced using P3 moisture-resistant chipboard, please ensure that due care is taken to correctly seal the product to prevent moisture ingress.



Worktops / Breakfast Bars 4,100 x 600 x 40 mm postformed 1 long edge (worktop)
4,100 x 670 x 40 mm postformed 2 long edges (breakfast bar)
4,100 x 900 x 40 mm postformed 2 long edges (breakfast bar)

HPL MDF Back Panels 4,100 x 640 x 9.2 mm (Alu 1 – 9.6 mm) nominal thickness
2,050 x 1,300 x 9.2 mm (Alu 1 – 9.6 mm) nominal thickness

HPL Upstands 4,100 x 120 x 19 mm nominal thickness (3 mm postformed radius)

Tivoli
R6244 CT

With a range of 61 popular worktop decors ranging from realistic reproductions of wood, granite and solid surfaces to imaginative fantasy designs, Duropal worktops are readily available via a national network of distributors and regional suppliers.



24-HOUR SERVICE

Samples available to order around the clock

Phone 01625 660 410
Sample Line 01625 660 411
Fax 01625 617 301

www.duropal.co.uk

Remember to use our 24-hour A5 sample service

Only original samples can give a realistic impression of colours, designs and surface finishes.

May we recommend that you refer to our website www.duropal.co.uk to view a large scale image of the decor.





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Your Duopal supplier

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