



Duropal factory in Arnsberg, Germany

## WHY CHOOSE DUROPAL WORKTOPS?

Duropal GmbH is part of the Pfleiderer AG group ([www.pfleiderer.com](http://www.pfleiderer.com)), one of the worldwide leading manufacturers of engineered wood, surfaced finished products and laminate flooring.

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 décor 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.

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'.

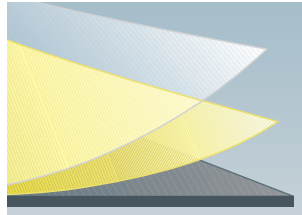


**DIN EN  
ISO 9001  
+  
ISO 14001  
CERTIFIED**



## HOW DUROPAL WORKTOPS ARE MADE

The core of Duropal worktops is E1 grade high density particle board. Pfleiderer 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.



Duropal worktops are surfaced with genuine Duropal high pressure laminate produced to BS/EN 438. The glue-line is guaranteed moisture and heat resistant to BS/EN 204. Duropal 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 Duropal 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. Duropal worktops are 4000 mm long, the optimum length for the average kitchen thus helping to reduce waste and unwanted offcuts. Duropal worktops are 40 mm thick, giving a rigid surface, a firm anchor for fixings and an aesthetically pleasing appearance.

### CLASSIC PROFILE



Black Brazil  
R 6216 TC

**Duropal Classic Profile**  
6mm radius

### QUADRA PROFILE



Block Walnut  
R 5151 VW

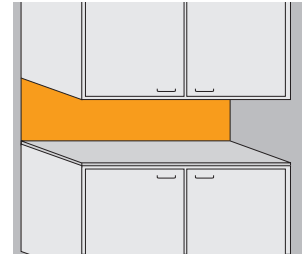
**Duropal Quadra Profile**  
3mm radius

### SPECIAL SEAL



## 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 a selection of the worktop decors.



#### High Pressure Laminate (HPL) Back Panels

Manufactured to meet the stringent requirements of DIN 438 and ISO 4586 Part 1, Duropal HPL Back Panels are an interesting and hygienic alternative to tiling.

Available in the following sizes:

- 4,100 x 650 x 6 mm nominal (black core)
- 2,050 x 1,300 x 6 mm nominal (black core)

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

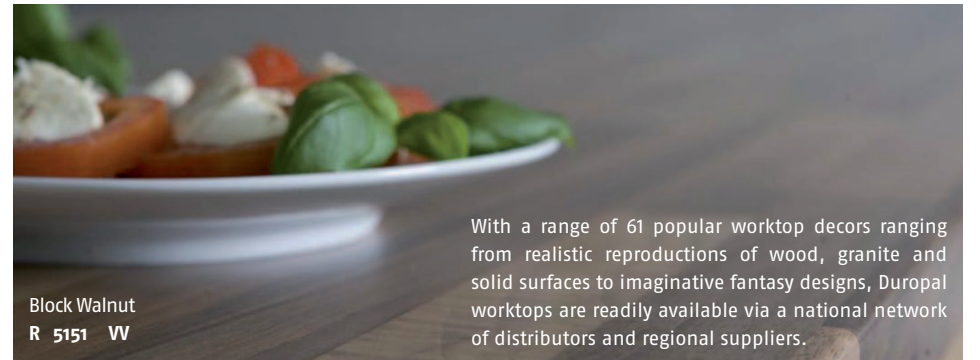
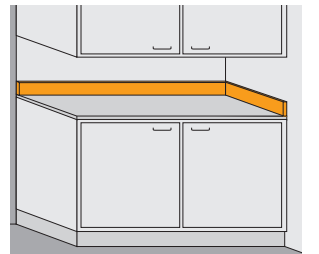
#### High Pressure Laminate (HPL) Upstands

Surfaced in genuine Duropal high pressure laminate produced with P3 moisture-resistant core and available to match many decors in the following size:

- 4,100 x 120 x 19 mm nominal, 3 mm radius

An ideal finishing touch for your Duropal 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.



Block Walnut  
R 5151 VW

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 round the clock

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

[WWW.DUROPAL.CO.UK](http://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.

It is recommended that you ask to see actual samples prior to making your final selection.



# DUROPAL WORKTOPS – 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 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 BS/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.

\* Conforming to BS/EN 438



## CLEANING AND CARE INSTRUCTIONS

**There's nothing easier than cleaning and caring for Duropal Worktops.** A major advantage of Duropal 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. Brushes with hard bristles (but not wire brushes) may also be used.

Light stains/dirt:	Cleaning method:
	dry or damp paper towels, a cloth or sponge.
Normal stains/dirt:	Cleaning method:
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/dirt:	Cleaning method:
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 paint 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.

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

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.

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



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### PFLEIDERER INDUSTRIE LIMITED

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DUROPAL THE  
GUIDE

TO GOOD WORKTOPS

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