

PRODUCT INFORMATION

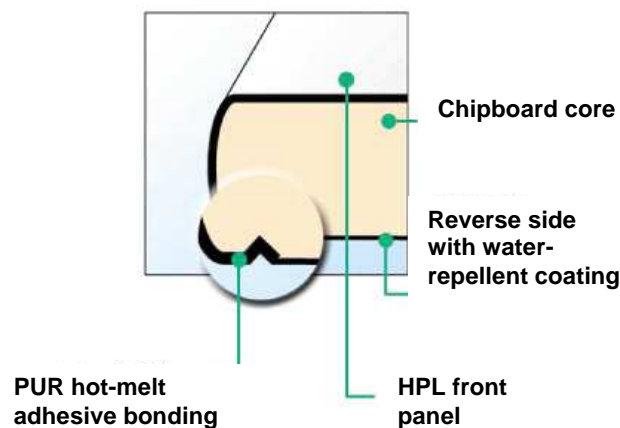
Duropal Worktops – technical properties

A worktop you can really work on! The high resistance against mechanical, thermal and chemical impacts make Duropal Worktops ideally suitable elements for worktops, tables and counters in kitchens, restaurants, banks, canteens, medical practices and laboratories.

While competitor products often focus primarily on décor, textures and the postforming profile, Pfleiderer adds extra values to your worktop that are illustrated below.

The high-quality PUR hot-melt adhesive bonding between worktop, HPL décor and overlay (Quadra and Classic profiles) is currently unique on the market and has a twofold purpose:

- Excellent sealing properties between worktop, HPL décor and overlay
- Profiled edge to protect floor cupboards against penetrating water



A further advantage of the Duropal Worktop is the water and vapour barrier properties of the lamination on the reverse side.

While overlays of competitor worktops only have a “decorative” character, Pfleiderer uses a special overlay. The result is a coating that is both water and vapour resistant. The Duropal overlay is often only “visually” comparable with that of our competitors.

Competitor worktops require the use of additional products, such as aluminium foil to give long-term protection of your dishwasher or oven in the critical areas. Such accessories are redundant with Duropal Worktops!

Practical test¹⁾ shows the appropriate results. This test can easily be repeated with very simple means: Water is brought to a simmer. The pot must be covered with a metal lid that only has small opening. The worktop with the overlay is placed against the metal lid in such a way that it faces the opening.

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Just after half an hour exposure, the chipboard of competitor products already shows the first signs of chipboard swelling - a definite sign of moisture ingress into the overlay. Remember that any moisture ingress can lead to mould growth even after a short time!

The pictures below show a representative example of a competitor product and a Duropal Worktop. A benchmark comparison between products of well-known manufacturers revealed that all worktops showed considerable signs of chipboard swelling and/or overlay lifting. The Duropal Worktop merely showed a slight discolouration, but not any swelling of the chipboard core.



¹⁾ See ISO 13894 High-pressure decorative laminates – Composite elements: Part 1. Testing; Part 2: Specification

PM HPL/elements

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