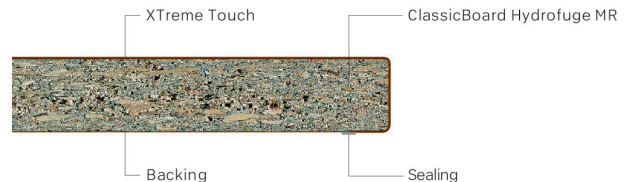


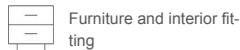
Technical data

Duropal Worktop Quadra XTreme Touch Hydrofuge MR

Worktop consisting of a moisture-resistant particleboard type P2 to EN 312, decor side bonded with robust Duropal XTreme Touch with an electron beam cured surface in accordance with EN 438, underside with water-repellent backing. The postforming front edge of the Quadra worktop has a radius of 3 mm, the rear edge is sealed with a protective edge. It is also available as a variant with both sides profiled. Duropal XTreme Touch is an attractive supermatt surface material with an anti-fingerprint effect in combination with natural-looking stone or wood structure.



Applications



Furniture and interior fitting

Properties



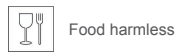
Variety of decors and / or textures



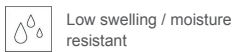
Easy care



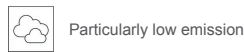
Anti-fingerprint



Food harmless



Low swelling / moisture resistant



Particularly low emission

Certificates



| Specification | | | | | Unit | Test standard |
|---|---|-------|-------|-------|--|---------------|
| Nominal thickness | 38 | 38 | 38 | 38 | mm | |
| Width | 600 | 650 | 900 | 1,200 | mm | |
| Tolerance on thickness | ± 0.4 | | | | mm | ISO 13894-1 |
| Tolerance on length | ± 5 | | | | mm | ISO 13894-1 |
| Surface defects – HPL | max. 1 ¹⁾ max. 10 ²⁾ | | | | mm ² /m ² mm ² /m ² | EN 438-2 |
| Straightness of edges | ± 0.5 | | | | mm/m | ISO 13894-1 |
| Squareness | ≤ 2 | | | | mm/m | ISO 13894-1 |
| Flatness (length) | ≤ 2 | | | | mm/m | ISO 13894-1 |
| Flatness (width) | ≤ 0.9 | ≤ 1.1 | ≤ 1.6 | ≤ 2 | mm/m | ISO 13894-1 |
| Resistance to wet heat, 100 °C (other finishes) – HPL | min. 4 | | | | rating | EN 438-2 |
| Resistance to dry heat, 160 °C (other finishes) – HPL | min. 4 | | | | rating | EN 438-2 |
| Resistance to water vapour (other finishes) – HPL | min. 4 | | | | rating | EN 438-2 |
| Resistance to surface wear – HPL | min. 150 | | | | cycles | EN 438-2 |
| Resistance to scratching (textured finishes) – HPL | min. 3 | | | | rating | EN 438-2 |
| Resistance to impact (small diameter ball) | min. 15 ³⁾ | | | | N | ISO 13894-1 |

Technical data

Duropal Worktop Quadra XTreme Touch Hydrofuge MR

| Specification | | | | | Unit | Test standard |
|---|--|-----|-----|-------|-------------------|---------------|
| Nominal thickness | 38 | 38 | 38 | 38 | mm | |
| Width | 600 | 650 | 900 | 1,200 | mm | |
| Stain resistance (groups 1 & 2) – HPL | min. 5 | | | | rating | EN 438-2 |
| Stain resistance (group 3) – HPL | min. 4 | | | | rating | EN 438-2 |
| Resistance to colour change (xenon arc light) – HPL | 4 to 5 Grey Scale Grade | | | | | EN 438-2 |
| Reaction to fire (Euroclass) | not classified | | | | | |
| Formaldehyde emission class | E1 E05 CARB Phase 2 / TSCA Title VI | | | | | EN 717-1 |
| Mean density | 580 - 540 ⁴⁾ | | | | kg/m ³ | EN 323 |
| Raw core materials | 8.5 ⁴⁾ | | | | N/mm ² | EN 310 |
| Modulus of elasticity (bending stiffness) | 1,200 ⁴⁾ | | | | N/mm ² | EN 310 |
| Internal bond | 0.2 ⁴⁾ | | | | N/mm ² | EN 319 |
| Surface soundness | 0.8 ⁴⁾ | | | | N/mm ² | EN 311 |
| Durability – Water resistance | ≤ 15 | | | | % | ISO 13894-1 |
| Resistance to fixings (face) | ≥ 1,500 | | | | N | ISO 13894-1 |
| Resistance to fixings (edge) | ≥ 500 | | | | N | ISO 13894-1 |
| Bonding strength | ≥ 0.6 | | | | N/mm ² | ISO 13894-1 |
| Flexural tensile strength | ≥ 0.6 | | | | N/mm ² | ISO 13894-1 |
| Durability – Glue-line quality | ≥ 3 | | | | rating | ISO 13894-1 |
| Durability – Resistance to elevated temperature | no effect | | | | | ISO 13894-1 |

¹⁾ Dirt, spots and similar surface defects

²⁾ Fibres, hairs and scratches

³⁾ No surface damage according to the standard; optical change of the surface (>10 N) possible

⁴⁾ Core material

Additional information

| | |
|----------------------|--|
| Product standard | <ul style="list-style-type: none"> EN 13894-1 |
| Areas of application | <ul style="list-style-type: none"> Duropal worktops can be used wherever very high demands are made on surface resistance and durability. Thanks to their hygienic advantages, the classic areas of application are in modern kitchens and bathrooms, canteens and restaurants, as well as doctors' surgeries, in laboratories and shop fitting, but also for industrial and commercial workplaces. |
| Core material | <ul style="list-style-type: none"> ClassicBoard Hydrofuge MR CARB2 Low Emission urea resin-bonded furniture board with reduced thickness swelling according to DIN EN 312, suitable for non-load-bearing use in humid conditions. |

Technical data

Duropal Worktop Quadra XTreme Touch Hydrofuge MR

| | |
|--------------------------|---|
| Product safety | <ul style="list-style-type: none"> This product follows the REACH regulation EC 1907/2006 an article. Following Article 7 it does not need to be registered. The surface is physiologically safe, and approved for direct contact with food acc. to Regulation (EU) No. 10/2011. We manufacture the panels without the use of halogens, heavy metals, preservatives, wood protectors or organic solvents. |
| Special | <ul style="list-style-type: none"> You can find comprehensive accessories for our worktop range at www.pfleiderer.com. |
| Note | <ul style="list-style-type: none"> FSC certification or PEFC certification available on request. FSC license code: FSC® C011773 PEFC license code: PEFC/04-32-0828 |
| Colour and surface match | <ul style="list-style-type: none"> Decor, structure and core board all influence the final appearance of the end product. Due to the product-specific differences in production technologies, even identical decor/structure/core board combinations can result in slight optical and tactile deviations across different product groups and formats. Such deviations do not constitute a defect. The choice of surface structure in particular has a significant influence on the visual impression, the tactile perception as well as the technical characteristics of the product. Thus, the overall impression of a decor can change almost completely depending on the surface structure. Furthermore, mechanical influences on the product surface can lead to a higher contrast optical perception with dark decors. To ensure that you always achieve the best results with our products and to clarify any deviations in advance, we will be happy to advise you individually. |

Further information on products, formats and decor/structure combinations is available at www.pfleiderer.com

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