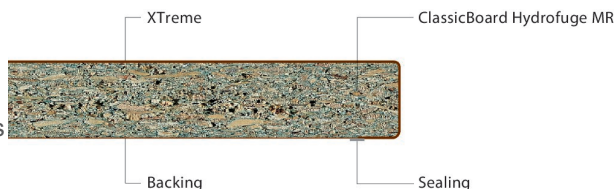


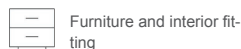
## Technical data

### Duropal Worktop Quadra XTreme Hydrofuge MR

Worktop consisting of a particleboard with reduced thickness swelling conforming to EN 312, decor side surfaced with Duropal XTreme, underside with moisture-resistant 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 is an attractive supermatt surface material with an anti-fingerprint effect.



#### 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   |
| Tolerance on width                                    | ±0.5 mm at 500 mm, with an additional 0.05 mm for every extra 100 mm |     |     |       |                                                      | ISO 13894-1   |
| Surface defects – HPL                                 | max. 1 <sup>1)</sup><br>max. 10 <sup>2)</sup>                        |     |     |       | mm <sup>2</sup> /m <sup>2</sup><br>mm/m <sup>2</sup> | EN 438-2      |
| Straightness of edges                                 | ± 0.5                                                                |     |     |       | mm/m                                                 | ISO 13894-1   |
| Squareness                                            | ≤ 2                                                                  |     |     |       | mm/m                                                 | ISO 13894-1   |
| Flatness (length)                                     | max. 2                                                               |     |     |       | mm/m                                                 | ISO 13894-1   |
| Flatness (width)                                      | max. 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 (smooth finishes) – HPL      | min. 3                                                               |     |     |       | rating                                               | EN 438-2      |
| Resistance to impact (small diameter ball)            | min. 15 <sup>3)</sup>                                                |     |     |       | N                                                    | ISO 13894-1   |
| Stain resistance (groups 1 & 2) – HPL                 | min. 5                                                               |     |     |       | rating                                               | EN 438-2      |

## Technical data

### Duropal Worktop Quadra XTreme Hydrofuge MR

| Specification                                       |                         |     |     |       | Unit              | Test standard |
|-----------------------------------------------------|-------------------------|-----|-----|-------|-------------------|---------------|
| Nominal thickness                                   | 38                      | 38  | 38  | 38    | mm                |               |
| Width                                               | 600                     | 650 | 900 | 1,200 | mm                |               |
| 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<br>TSCA Title VI |     |     |       |                   | EN 717-1      |
| Mean density                                        | 580 - 540 <sup>4)</sup> |     |     |       | kg/m <sup>3</sup> | EN 323        |
| Bending strength                                    | 8.5 <sup>4)</sup>       |     |     |       | N/mm <sup>2</sup> | EN 310        |
| Modulus of elasticity (bending stiffness)           | 1,200 <sup>4)</sup>     |     |     |       | N/mm <sup>2</sup> | EN 310        |
| Internal bond                                       | 0.2 <sup>4)</sup>       |     |     |       | N/mm <sup>2</sup> | EN 319        |
| Bonding strength                                    | ≥ 0.8                   |     |     |       | N/mm <sup>2</sup> | ISO 13894-1   |
| Durability – Glue-line quality                      | ≥ 3                     |     |     |       | rating            | ISO 13894-1   |
| Durability – Resistance to elevated temperature     | no effect               |     |     |       |                   | ISO 13894-1   |

<sup>1)</sup> Dirt, spots and similar surface defects

<sup>2)</sup> Fibres, hairs and scratches

<sup>3)</sup> No surface damage according to the standard, optical change of the surface (>10 N) possible

<sup>4)</sup> Core material

#### Additional information

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product standard     | <ul style="list-style-type: none"> <li>in accordance with EN 13894-2</li> </ul>                                                                                                                                                                                                                                                                                                                                   |
| Areas of application | <ul style="list-style-type: none"> <li>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.</li> </ul> |
| Core material        | <ul style="list-style-type: none"> <li>ClassicBoard Hydrofuge MR</li> <li>EN 312 standard urea resin bonded furniture panel with reduced thickness swell, suitable for non-load bearing use in humid conditions.</li> </ul>                                                                                                                                                                                       |

## Technical data

### Duropal Worktop Quadra XTreme Hydrofuge MR

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product safety           | <ul style="list-style-type: none"> <li>• This product follows the REACH regulation EC 1907/2006 an article. Following Article 7 it does not need to be registered.</li> <li>• The surface is physiologically safe, and approved for direct contact with food acc. to Regulation (EU) No. 10/2011.</li> <li>• We manufacture the panels without the use of organohalogens, heavy metals, preservatives, wood protectors or organic solvents.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Special                  | <ul style="list-style-type: none"> <li>• The smoother the structure and the the darker the decor, the more sensitive it is to stains.</li> <li>• Due to a low orientation of the lacquered surface the field of application, the conditions of lighting and the decor may cause certain optical effects. This is a result of the production methods and does not constitute a quality defect.</li> <li>• Depending on the decor and surface texture, slightly different surface visual impressions can result between cut panels viewed from different angles. This is a result of the production methods and does not constitute a quality defect.</li> <li>• Especially for large applications, we recommend paying attention to the colour and texture uniformity of the boards and cut products used when further processing and installing and that the production direction is taken into account.</li> <li>• To avoid any possible aesthetic and optical impairments, the orientation of the boards specified on the protection film of the product must strictly be followed, especially for large-surface applications.</li> <li>• XTreme Semi Matt doesn't prevent scratches, but allows horizontal application!</li> </ul> |
| Note                     | <ul style="list-style-type: none"> <li>• FSC certification or PEFC certification available on request.</li> <li>• FSC license code: FSC® C011773</li> <li>• PEFC license code: PEFC/04-32-0828</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Colour and surface match | <ul style="list-style-type: none"> <li>• Decor, structure and core board all influence the final appearance of the end product.</li> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> </ul>                                                                                                                                                                                             |

Further information on products, formats and decor/structure combinations is available at [www.pfleiderer.com](http://www.pfleiderer.com)

© Copyright 2025 Pfleiderer Deutschland GmbH

This information is issued with great care. We do not however accept any responsibility for the accuracy, completeness and timeliness. There may be slight colour differences between the printed brochure image and the actual design.

Due to the continuous development and modification of our products, possible changes to the relevant standards, laws and regulations, our technical data sheets and product documents expressly do not represent a legally binding guarantee of the properties specified therein. In particular, no suitability for a specific purpose can be derived from this information. It is therefore the personal responsibility of the individual user to check the processing and suitability of the products described in this document for the intended use and to take into account the legal framework and the current state of the art. Furthermore, we expressly refer to the validity of our general terms and conditions.

You can find our general terms and conditions on our webpage: [www.pfleiderer.com](http://www.pfleiderer.com)

#### Pfleiderer Deutschland GmbH

Ingolstädter Str. 51  
92318 Neumarkt  
Germany

phone +49 (0) 91 81 28 48 0  
Fax +49 (0) 91 81 28 48 2  
[info@pfleiderer.com](mailto:info@pfleiderer.com)  
[www.pfleiderer.com](http://www.pfleiderer.com)