



## compact laminate technical data sheet

### Product Description:

High-pressure decorative laminates feature attractive and aesthetic appearances. The products are high in mechanical strength, durability, resistance to impact, resistance to abrasion and scratching. The further benefits of this product are dimensional stability, resistance to water, steam, hot and cold temperatures, non corrosive and hygienic with cleaning properties.

### Available in dimensions:

Thickness: 12 mm  
Size: 4100 × 1300 mm, 4100 × 650 mm

### Application:

The Slim Line compact laminate can be used as worktops in kitchens, offices and hotels etc.

### Storage:

Slim Line boards should be stored in a dry and roofed placing, at temperatures of 15–25°C, relative humidity of 50%, min. 1,5m distance to source of heat. Keeping in humid conditions with water on the surface might lead to bending Slim Line boards what should be avoided.

It is recommended to store in the original Kronospan packaging, on pallets. In the case of foiled boards, the foil should be removed immediately after assembly.

| Specifications                                |                            |               |                                               |
|-----------------------------------------------|----------------------------|---------------|-----------------------------------------------|
| Parameter                                     | Unit                       | Standard      | Requirements                                  |
| Thickness                                     | mm                         | 438-2.5       | 12.0 ± 0.60                                   |
| Length                                        | mm                         | 438-2.6       | +10/-0                                        |
| Width                                         | mm                         | 438-2.6       | +10/-0                                        |
| Flatness                                      | mm/m                       | 438-2.9       | ≤ 3.0                                         |
| Straightness of edges                         | mm/m                       | 438-2.7       | ≤ 1.5                                         |
| Squareness                                    | mm/m                       | 438-2.8       | ≤ 1.5                                         |
| Resistance to surface wear                    | IP (rpm)                   | 438-2.10      | ≥ 150                                         |
| Resistance to impact with large diameter ball | Drop height - mm           | 438-2.21      | ≥ 1800                                        |
| Scratch resistance                            | Appearance, grade          | 438-2.25      | Smooth finishes ≥ 2,<br>Textured finishes ≥ 3 |
| Dry heat resistance                           | Appearance, grade          | 438-2.16      | Other finishes ≥ 4                            |
| Resistance to immersion in boiling water      | Mass gain - %              | 438-2.12      | ≤ 2                                           |
|                                               | Thickness gain - %         |               | ≤ 2                                           |
|                                               | Appearance, surface rating |               | Other finishes ≥ 3                            |
|                                               | Appearance, edge rating    |               | ≥ 3                                           |
| Resistance to staining                        | Group 1 & 2, grade         | 438-2.26      | ≥ 5                                           |
|                                               | Group 3, grade             |               | ≥ 4                                           |
| Resistance to water vapour                    | Appearance, grade          | 438-2.14      | Other finishes ≥ 4                            |
| Resistance to crazing                         | Appearance, grade          | 438-2.24      | ≥ 4                                           |
| Flexural modulus                              | MPa                        | EN ISO 178    | ≥ 9000                                        |
| Flexural strength                             | Stress - MPa               | EN ISO 178    | ≥ 80                                          |
| Density                                       | g/cm³                      | EN ISO 1183-1 | ≥ 1.35                                        |
| Fire class                                    | Classification             | EN 13501-1    | C-s1, d0                                      |

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