

Technical Datasheet

1285*192*10mm BK23/32 V4

Direct Pressure Laminate, Level of use according to EN 13329: class **23/32 – AC4**





Heavy domestic use



General commercial use

DIMENSION

| | | | | |
|-----------|---------------|--|------------|--|
| dimension | thickness (d) | $10 \pm 0,50 \text{ mm} \cdot d_{\text{max}} - d_{\text{min}} \leq 0,50 \text{ mm}$ | | |
| | length | $1285 \pm 0,50 \text{ mm}$ | | |
| | width (b) | $192 \pm 0,10 \text{ mm} \cdot b_{\text{max}} - b_{\text{min}} \leq 0,20 \text{ mm}$ | | |
| profile | long side | twin clic | short side | 1 clic2go |
| groove | long side |  | short side |  |

TOLERANCE

| | | |
|------------------------------------|----------|---|
| squareness | EN 13329 | $\leq 0,20 \text{ mm}$ |
| straightness | EN 13329 | $\leq 0,30 \text{ mm}$ |
| flatness crosswise | EN 13329 | concave: $\leq 0,15\%$ · convex: $\leq 0,20\%$ |
| flatness length | EN 13329 | concave: $\leq 0,50\%$ · convex: $\leq 1,00\%$ |
| gaps between elements | EN 13329 | average: $\leq 0,15 \text{ mm}$ · max: $\leq 0,20 \text{ mm}$ |
| height difference between elements | EN 13329 | average: $\leq 0,10 \text{ mm}$ · max: $\leq 0,15 \text{ mm}$ |
| misalignment | | $\pm 2 \text{ mm}$ |

TEST

| | | |
|---|-------------|--|
| abrasion resistance | EN 13329 | AC4 ($\geq 4000 \text{ rpm}$) |
| impact resistance | EN 13329 | small ball $\geq 12 \text{ N}$ · big ball $\geq 750 \text{ mm}$ |
| micro scratch resistance | EN 13329 | $\leq \text{MSR-B2}$ |
| stain resistance | group 1 & 2 | grade 5 |
| | group 3 | $\geq \text{grade 4}$ |
| castor chair test | EN 13329 | no change in appearance or damage, as defined per EN 425 |
| effect of a furniture leg | EN 13329 | no damage shall be visible, when tested with foot type 0 |
| thickness swelling | EN 13329 | $\leq 18\%$ |
| static indentation | EN 13329 | $\leq 0,05 \text{ mm}$ |
| light fastness | EN 13329 | grey scale ≥ 4 at blue wool grade 6 |
| dimensional variations after changes in relative humidity | EN 13329 | lengthwise $\leq 0,9 \text{ mm}$ · crosswise $\leq 0,9 \text{ mm}$ |
| locking strength | EN 13329 | length $\geq 1 \text{ kN/m}$ · width $\geq 2 \text{ kN/m}$ |
| surface soundness | EN 13329 | $\geq 1,25 \text{ N/mm}^2$ |

ENVIRONMENT

| | | |
|--------------------------|----------|----------|
| emission of formaldehyde | EN 717-1 | class E1 |
|--------------------------|----------|----------|

PHYSICAL BEHAVIOR

| | | |
|----------------------|------------|--|
| fire behavior | EN 13501-1 | Cfl s1 |
| slide resistance | EN 13893 | technical class DS |
| thermal resistance | EN 12667 | $0,091 \text{ (m}^2\text{K)/W} \pm 15\%$ |
| thermal conductivity | EN 12664 | $0,120 \text{ W/(m}^2\text{K)} \pm 15\%$ |