

03/2014

## Variostep Classic

Direct Pressure Laminate

### Level of use according to EN 13329:

class 23 / 32 - AC 4

domestic with heavy use



commercial with general use



| dimension                          |               |                                                             |            |                                        |
|------------------------------------|---------------|-------------------------------------------------------------|------------|----------------------------------------|
| dimension                          | thickness (d) | 8mm ± 0.50mm<br>dmax - dmin ≤ 0.50mm                        |            | 0.31" ± 0.50mm<br>dmax - dmin ≤ 0.50mm |
|                                    | length        | 1285mm ± 0.50mm                                             |            | 50.59" ± 0.50mm                        |
|                                    | width (b)     | 192mm ± 0.10mm<br>bmax - bmin ≤ 0.20mm                      |            | 7.56" ± 0.10mm<br>bmax - bmin ≤ 0.20mm |
| profile                            | long side     | twin clic                                                   | short side | 5G                                     |
| groove                             | long side     | 0.8 ± 0.1mm                                                 | short side | 0.8 ± 0.1mm                            |
| tolerance                          |               |                                                             |            |                                        |
| squareness                         | EN 13329      | ≤ 0.20mm                                                    |            |                                        |
| straightness                       | EN 13329      | ≤ 0.30mm                                                    |            |                                        |
| flatness crosswise                 | EN 13329      | concave: ≤ 0.15%<br>convex: ≤ 0.20%                         |            |                                        |
| flatness length                    | EN 13329      | concave: ≤ 0.50%<br>convex: ≤ 1.00%                         |            |                                        |
| gaps between elements              | EN 13329      | average: ≤ 0.15mm<br>max: ≤ 0.20mm                          |            |                                        |
| height difference between elements | EN 13329      | average: ≤ 0.10mm<br>max: ≤ 0.15mm                          |            |                                        |
| misalignment                       |               | ± 2mm                                                       |            |                                        |
| test                               |               |                                                             |            |                                        |
| abrasion resistance                | EN 13329      | AC4 (≥ 4000rpm)                                             |            |                                        |
| impact resistance                  | EN 13329      | IC2                                                         |            |                                        |
| stain resistance                   | group 1 + 2   | EN 13329                                                    | grade 5    |                                        |
|                                    | group 3       |                                                             | ≥ grade 4  |                                        |
| castor chair test                  | EN 13329      | no change in appearance or damage,<br>as defined per EN 425 |            |                                        |
| thickness swelling                 | EN 13329      | ≤ 18%                                                       |            |                                        |
| light fastness                     | EN 13329      | blue wool scale                                             | ≥6         |                                        |
|                                    |               | grey scale                                                  | ≥4         |                                        |
| environment                        |               |                                                             |            |                                        |
| emission of formaldehyde           |               | class E1                                                    |            |                                        |
| behavior                           |               |                                                             |            |                                        |
| fire behavior                      | EN 13501-1    | Cfl s1                                                      |            |                                        |
| slip resistance                    | EN 13893      | technical class DS                                          |            |                                        |
| thermal resistance                 | EN 12667      | 0.067 (m²K)/W                                               |            |                                        |