



QUALITÄTSMANAGEMENT
HANDBUCH

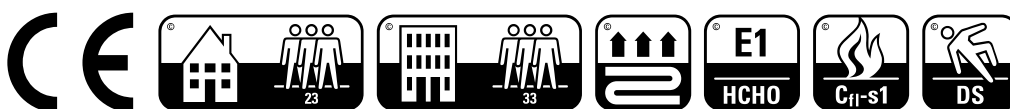
Qualitätsmanagementsystem

technical datasheet

Robusto MR

1. Product description

- 1.1. Format 1375 x 188 x 12 mm
- 1.2. Packing 5 boards each pack = 1,293 m²
- 1.3. Technical description
- Surface Three-dimensional interlaced melamine resin
 - Decor Melamine resin impregnated printed paper
 - Core layer HDF High Density Fiberboard
 - Balance film Melamine resin impregnated paper
- 1.4. Installation Mechanical looking system , Clic-System – much easier to install , up to 50% quicker to install (against other clic systems). Floating installation according to the installation description .
- 1.5. Classification ISO 10874 class 23 : heavy domestic use
class 33 : heavy commercial use
- EN 14041 CE – Mark
- 1.6. Fire classification EN 13501 C_{fl} – s1 (Hardly inflammable ~ B1)
- 1.7. Emission E1 lower than 0,05 ppm
- 1.8. Slip resistance Technical class DS
- 1.9. Thermal conductivity Thermal resistance according to DIN EN 12667 R= 0,0885 [(m² * K)/W]



Robusto MR

| | Characteristic | Requirements | Unit | Testmethod |
|-----|------------------------------------|---|-------------------|------------|
| 1. | Sampling | | | EN 13329 |
| 2. | Thickness | 12 | mm | EN 13329 |
| 3. | Level of use | 21 - 33 | | EN 13329 |
| 4. | Wear resistance | AC5 | | EN 13329 |
| 5. | Impact resistance | small Ball ≥ 15 N big Ball ≥ 1000 mm | | EN 13329 |
| 6. | Thickness swelling 24h | ≤ 8 | % | EN 13329 |
| 7. | Resistance to staining | 5,g. 1-2 4,g. 3 | | EN 438-2 |
| 8. | Internal bond | $> 1,2$ | N/mm ² | EN 319 |
| 9. | Surface soundness | $> 1,5$ | N/mm ² | EN 311 |
| 10. | Locking strength | FI 0,2 ≥ 1 Fs 0,2 ≥ 2 | kN/m | ISO 24334 |
| 11. | Surface layer width | $\pm 0,1$ | mm | EN 13329 |
| 12. | Surface layer length | $\pm 0,3$ | mm | EN 13329 |
| 13. | Squareness | max 0,2 | mm | EN 13329 |
| 14. | Surface layer straightness | $< 0,3$ | mm/m | EN 13329 |
| 15. | Height difference between elements | max 0,15 | mm | EN 13329 |
| 16. | Openings between elements | max 0,2 | mm | EN 13329 |
| 17. | Formaldehyd content | <0.05 | ppm | EN 717-1 |

| | | |
|---|---|--|
| Erstellt (Datum, Unterschrift) QS | Geprüft und Freigegeben (Datum, Unterschrift) 16.11.2018 Schmaltz | |
|---|---|--|