

TEST CERTIFICATE

ST-10-03-04-01

Product: MERINO High-pressure decorative laminates (HPL), thickness 12 mm

Producer: M/s Merino Industries Ltd.
Vill. Achheja, P.O.-Hapur-245101
DIST.-GHAZIABAD (UP)
INDIA

Order: Carrying out of tests for High-pressure decorative laminates (HPL),
Assessment according to EN 438-4 : 2005, table 3

Test report: 279384

Test results:

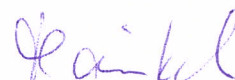
| Properties | Results |
|---|--|
| Bending strength (direction1, direction 2) | 120,4 N/mm ² / 169,9 N/mm ² |
| Tension strength (direction1, direction 2) | 142,4 N/mm ² / 93,2 N/mm ² |
| Elasticity module (direction1, direction 2) | 11699 N/mm ² / 17250 N/mm ² |
| Resistance against abrasion | 400 (IP) / 510 revolutions (abrasion value) |
| Resistance to scratching | 6 N |
| Resistance against impact | 2000 mm |
| Resistance against dry heat | Rating 5 |
| Resistance against wet heat | Rating 5 |
| Resistance against hot water | Rating 5 |
| Dimension stability at high temperature | 0,15 % / 0,15 % |
| Resistance against staining | Rating 5 |
| Light fastness | Light fastness > 6 |
| Resistance against water vapour | Visual Exam. Rating 5, Increase in mass 0,1 % Increase in thickness 1,5 % |
| Resistance against cigarette burns | Rating 4 |

The tested variant of a High-pressure decorative laminate is fulfilling the requirements according to EN 438-4 : 2005, classification CGS and CGF, for the tested properties.

Dresden, 04.03.2010



Head of laboratory

Engineer in charge