

TECHNICAL SPECIFICATION

NEMA STANDARDS • USA

| PROPERTIES | TEST METHOD AS PER BS EN 438 PART 2 & 3 : 2016 | UNIT | SPECIFIED VALUES | ECOLAM HPL VALUES | SPECIFIED VALUES | ECOLAM HPL VALUES |
|--|---|-------------------------|--|----------------------|--|----------------------|
| Classification | EN 438-3 - 5.3 | | | VGS, VGF, HGS & HGF | | |
| Thickness | EN 438-3 - 6.3 | mm | 0.6 | 0.54-0.60 | 0.8 | 0.74-0.80 |
| Thickness Tolerance | | mm | ±0.10 | ±0.06 | ±0.10 | ±0.06 |
| Resistance to Surface Wear | EN 438-2 - 10 | Rev. (min) | 350 | 400 | 350 | 400 |
| Resistance to Impact with Small Diameter Ball | EN 438-2 - 20 | N (min) | 20 | 25 | 20 | 25 |
| Resistance to Scratching | EN 438-2 - 25 | Rating (min) | 3 | ≥3 | 3 | ≥3 |
| Dimensional Stability At Elevated Temperatures | | | | | | |
| Machine Direction | EN 438-2 - 17 | % (max) | 0.55 | .030 | 0.55 | .030 |
| Cross Direction | | % (max) | 1.05 | 0.50 | 1.05 | 0.50 |
| Resistance To Immersion In Boiling Water | EN 438-2 - 12 | Rating (min) | For Gloss Finish - 3 For Other Finish - 4 | ≥3 ≥4 | For Gloss Finish - 3 For Other Finish - 4 | ≥3 ≥4 |
| Resistance To Wet Heat At 100°C | EN 438-2 - 18 | Rating (min) | For Gloss Finish - 3 For Other Finish - 4 | ≥3 ≥4 | For Gloss Finish - 3 For Other Finish - 4 | ≥3 ≥4 |
| Resistance To Dry Heat At 160°C | EN 438-2 - 16 | Rating (min) | For Gloss Finish - 3 For Other Finish - 4 | ≥3 ≥4 | For Gloss Finish - 3 For Other Finish - 4 | ≥3 ≥4 |
| Resistance to Stain | | | | | | |
| Group 1 & 2 | EN 438-2 - 16 | Rating (min) | 5 | 5 | 5 | 5 |
| Group 3 | | | 4 | ≥4 | 4 | ≥4 |
| Resistance to Steam | EN 438-2 - 14 | Rating (min) | For Gloss Finish - 3 For Other Finish - 4 | ≥3 ≥4 | For Gloss Finish - 3 For Other Finish - 4 | ≥3 ≥4 |
| Resistance To Color Change In Xenon-arc Light | EN 438-2 - 27 | Rating (min) | 4 to 5 | ≥5 | 4 to 5 | ≥5 |
| Density | EN ISO 1183-1 | g/cm ³ (min) | 1.35 | 1.40 | 1.35 | 1.40 |

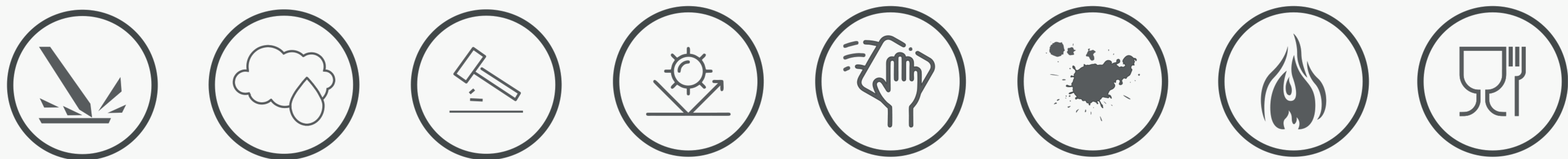
Product specification :

Product : Decorative Laminates / High Pressure Laminates (HPL) / Compact Laminates (Internal & External) / Cladding

Size : 4'X8' (All the Finishes) & 4'X10' Available in Suede/Super Matt & Glossy, 6'X12, 6'X14 Available in Suede & Super matt

Thickness : 0.6mm to 25mm

Resistance : to surface wear, immersion in boiling water, dry heat, impact by Small Dia, Ball, Cigarette burns, Staining, Scratching, Color change in xenon light.



Albero warrants that all products are free from manufacturing defects and that they are fit and suitable for usual purpose under normal and proper use. The product must be inspected prior to installation and our liability will be limited to the extent of the cost of product only.

The product must be inspected thoroughly before its use, no claim for the visual defects will be accepted or entertained if the products is cut or altered in any manner.