

**DESCRIPTION**

|                        |              |                   |                        |
|------------------------|--------------|-------------------|------------------------|
| Total thickness        | EN ISO 24346 | mm                | 2,00 +/- 0,15          |
| Stabilization          |              |                   | CaZn                   |
| Density                |              | g/cm <sup>3</sup> | 1,40                   |
| Hardness               | EN ISO 868   | SdD               | 75                     |
| Flexural strength      | ISO 178      | MPa               | 70                     |
| Tensile strenght       | ISO 527      | MPa               | 58                     |
| Emodulus of elasticity | ISO 527      | MPa               | 3300                   |
| Weight                 | EN ISO 23997 | g/m <sup>2</sup>  | 2800 +/-200            |
| Panels width           | EN ISO 24341 | mm                | 1300                   |
| Panels lenght          | EN ISO 24341 | mm                | 3000                   |
| Surface                |              |                   | Textured surface       |
| Brightness             | EN ISO 2813  | UB                | Value at 60° : 7 +/- 3 |

**CLASSIFICATION**

|               |                   |       |                        |
|---------------|-------------------|-------|------------------------|
| Fire reaction | EN 13 501-1       | class | B-s2,d0                |
|               | ASTM 84           | class | A (FSI = 10 / SD = 90) |
|               | ASTM D635         | class | HB                     |
|               | CAN/UL-S102.2     | class | FSR = 0 / SDC = 25     |
|               | IMO FTP CODE 2010 |       | Compliant              |

**PERFORMANCE**

|  |               |                    |                                   |
|--|---------------|--------------------|-----------------------------------|
| Resistance to chemicals (1)  | EN ISO 26987  | -                  | OK                                |
| Resistance to chemical reagents (1)  | ASTM D543     |                    | Excellent                         |
| Resistance to household chemicals (1)  | ASTM D1308    |                    | Excellent                         |
|  |               |                    | Anios compliant<br>H2O2 compliant |
| Thermal conductivity   | DIN 52612     | W/(m.K)            | 0,17                              |
| Water absorption   | ISO 62        | After 24h          | ≤ 0,1 %                           |
| Water vapour resistivity   | ASTM E96      | g/h.m <sup>2</sup> | 0,34                              |
| Decontamination of surface (radionuclide)                                    | ISO 8690      |                    | Excellent                         |
| Antibacterial activity (E. coli – S. pyogenes) (2)                           | ISO 22196     | -                  | > 99%<br>Inhibits growth          |
| Migration of specific metals   | EN 12149-A    |                    | < 2                               |
| Vinyl chloride   | EN 12149-B    |                    | Non detectable                    |
| Formaldéhyde   | EN 12149-C    |                    | Non detectable                    |
| TVOC emission  | EN 16000-6    | After 28 days      | < 15µg/m <sup>3</sup>             |
| Puncture impact resistance   | EN ISO 6603-1 | J                  | > 15                              |
| Impact resistance Charpy   | ISO 179-1     | KJ/m <sup>2</sup>  | > 30                              |
| Welding resistance with Gerflor contract vinyl flooring (wearlayer > 0.5 mm) | NF-EN 684     | DaN/5cm            | > 24                              |

(1) Charts "stain and marks resistance" available upon request

(2) The implementation of an effective cleaning method is the best defence against infection