

Certificates **THERMOLINE** EXTERIOR

| Testing according to | Test | Results | Testing institute |
|---|--|--|------------------------------------|
| DIN EN ISO 527 | Elasticity - Tensile test | Tensile strength x = 0.63 N/mm ² Elongation x = 5.08 % | MP A Braunschweig |
| DIN EN ISO 527 | Tensile test at -20°C | Tensile strength x = 4.88 N/mm ² Elongation x = 3.53 % | MP A Braunschweig |
| DIN EN ISO 527 | Tensile test at -30°C | Tensile strength x = 9.96 N/mm ² Elongation x = 1.59 % | MP A Braunschweig |
| DIN 50021-SS + DIN EN ISO 527 | Seawater* - Salt Spray | Tensile strength + 55 % relative Elongation + 136 % relative | MP A Braunschweig |
| DIN EN ISO 175 + DIN EN ISO 527 | Hydrochloric acid 10%* (Tensile Test) | Elongation + 880 % relative | MP A Braunschweig |
| DIN EN ISO 175 + DIN EN ISO 527 | Milk of lime* (Tensile Test) | Tensile strength + 189 % relative Elongation + 16 % relative | MP A Braunschweig |
| DIN EN ISO 12572 + DIN 52615 | Water Vapour Activity | THERMOLINE EXTERIOR Dry SD = 1.73 m Damp SD = 0.35 m | MP A Braunschweig |
| ÖNORM EN ISO 7783-2 | | THERMOLINE EXTERIOR Silicon SD = 0.02 m | MA 39, Vienna |
| DIN 52617 | Water Absorption | THERMOLINE EXTERIOR 0.053 KG/(m ² h ^{0.5}) THERMOLINE EXTERIOR Silicon 0.023 KG/(m ² h ^{0.5}) | MP A Braunschweig MA 39, Vienna |
| DIN 4102 T. 1 | Flammability B2 | Confirmed | MP A Braunschweig |
| DIN EN ISO 4624 | Adhesion Tensile Test | Plaster 0.58 N/mm ² Concrete 0.79 N/mm ² | MP A Braunschweig |
| DIN 16726 A. 5.13 DIN EN ISO 527 | Hot Storage / Ageing (Tensile Test) | Tensile strength + 54 % relative Elongation + 55 % relative | MP A Braunschweig |
| HK/B/1679/01/2002 | Hygiene Certificate | Granted | PZH N.I.O.Hygiene |
| DIN EN 410 | Reflection / Solar - Visual - Ultraviolet | 0.82-0.83 pdh Solar 0.91-0.92 pdh Visual 0.08 pdh UV | ZAE Bayern |
| DIN EN 410 8 Years of Ageing | Reflection / Solar - Visual - Ultraviolet | 0.82-0.83 pdh Solar 0.92 pdh Visual 0.07 pdh UV | ZAE Bayern |
| Verfahren SWA / Einstein-Versuch | Energetic Effects | Confirmed | SW A Institut Aachen |
| DIN EN 1062-6 | Diffusion resistance CO₂ | SD = 144 m | MP A Braunschweig |
| DIN EN 13300 | Suitability for Use | Hiding Power: Class 1 Coverage: 3 m ² /litre Wet Abrasion Resistance: Class 2, Abrasion Resistant | MP A Braunschweig |