

TECHNICAL FILE

application featheredge 167
P1036

date:
version:

5/02/2024
v2



| | | | EN 13245-2:2008/AC:2009 | EN 13245-3:2010 | based on | specific property | unit | value |
|--------------------------|-----------------------|--|-------------------------|-----------------|----------------------------------|---|--------------------|--------------|
| MATERIAL CHARACTERISTICS | physical properties | density (co-extruded profile) | --- | --- | ISO 1183-1/A | | kg/dm ³ | 0,55 ± 0,05 |
| | thermal properties | linear thermal expansion (-20 °C ... +60°C) | --- | --- | internal test method | | mm/m.°C | 0,05 |
| | | vicat softening point (hard PVC-U top layer) | --- | --- | ISO 306/B50 | | °C | ≥ 75 |
| PRODUCT CHARACTERISTICS | mechanical properties | impact resistance (23 °C) | § 4.3 | § 5.4 | EN 477 / EN 13245-3:2010 Annex B | falling mass | (T, J) | (23, 15) |
| | durability | natural weathering (2 GJ/m ²) | § 4.4 | § 5.5 | Bandol | charpy impact strength retention | % | ≥ 50 |
| | | | | | | code | class | N.2.23 |
| | | artificial weathering (8 GJ/m ² ; 300-800 nm) | --- | --- | EN 513 method 1 | change in colour; grey scale ISO 105/A03; cleaned surface | grade | 2/3 |
| | thermal properties | heat reversion (75 °C) | --- | § 5.3 | EN 479 | | % | ≤ 1 (Code 1) |
| | | single flame source | § 4.1 | --- | ISO 11925-2 | classification EN 13501 | class | E |
| single burning item | | § 4.1 | --- | EN 13823 | classification EN 13501 | class | --- | |

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