



M-0224/102-15

Polyfin 4020 v

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|---------------------|---|
| Product | Synthetic roofing sheet with glass-fibre reinforcement, FPO, bitumen compatible |
| Top side | grey |
| Bottom side | nonwoven fabric |
| Intended use | <ul style="list-style-type: none"> • Roof waterproofing sheet loose laid with ballast and below other utility layers • Exposed roof waterproofing sheet mechanically fastened • Roof waterproofing sheet fully bonded • Roof waterproofing sheet bonded in strips • Basement waterproofing |
| Standard | EN 13956, EN 13967 |
| Application | Hot air welding method |
| Packaging | 18 rolls of 15 m x 1.5m = 405 m ² per pallet |

| Characteristics | Testing method | Unit | Result |
|---|--------------------------------|-------------------|--------------------------|
| Visible defects | EN 1850-2 | - | keine |
| Length | EN 1848-2 | m | 15,0 |
| Width | EN 1848-2 | m | 1,5 |
| Straightness | EN 1848-2 | mm | ≤ 30 |
| Flatness | EN 1848-2 | mm | ≤ 10 |
| Thickness | EN 1849-2 | mm | 2,0 |
| Mass per unit area | EN 1849-2 | kg/m ² | ? |
| Watertightness (Verf. B) | EN 1928 | kPa | ≥ 500 |
| External fire exposure | EN 13501-5 | | Broof(t1) ^[1] |
| Reaction to fire test | EN 13501-1 | Klasse | E |
| Hail resistance (rigid substrate) | EN 13583 | m/s | ≥ 25 |
| Hail resistance (flexible substrate) | EN 13583 | m/s | ≥ 40 |
| Peel resistance of joints | EN 12316-2 | N/50 mm | ≥ 500 |
| Shear resistance of joints long./trans. | EN 12317-2 | N/50 mm | ≥ 500 |
| Water vapour transmission | EN 1931 | μ | 90.000 |
| Tensile force long./trans. | EN 12311-2 | N/50 mm | ≥ 1000 |
| Elongation at single-end breaking force | EN 12311-2 | % | ≥ 50 |
| Resistance to impact (rigid substrate) | EN 12691 | mm | ≥ 1000 |
| Resistance to impact (flexible substrate) | EN 12691 | mm | ≥ 1500 |
| Resistance to static loading | EN 12730 | kg | ≥ 20 |
| Resistance to tearing (nail shank) long./trans. | EN 12310-2 | N | ≥ 350 |
| Dimensional stability | EN 1107-2 | % | ≤ 0,3 |
| Foldability | EN 495-5 | °C | ≤ -40 |
| Root resistance | EN 13948/FLL- Prüfverfahren | | bestanden |
| UV-exposure | EN 1297 | > 5000 h | bestanden (Klasse 0) |

^[1] according to certified system

The declared data are indices based on the statistical quality control and refer to the date of production. Consider state of the art, standards, legal provisions and guidelines for the suitability of the mentioned field of application and application method. All specifications are without obligation. The user must assess the suitability of the product for the particular purpose and ensure the user's access to the current version of the product data sheet.

Subject to alteration without notice.

Storage conditions: The products have to be stored in original packaging, being protected from direct sun light, UV-beams and extreme conditions like heat, frost, moisture, etc. During cold season store the products in a frost-free area (+5°C) for 12 hours before application.

Development, Production and Sales of our products according to ISO 9001.