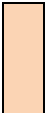





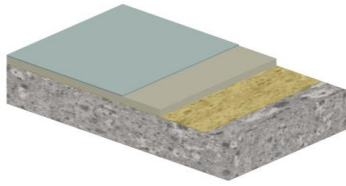
MasterSeal Roof 2160

Hand applied crack-bridging waterproofing roof system based on MasterSeal M 860

Consumption
(approx):

| | | | |
|---|--|--|---------------------------------|
|  | Primer | According to substrate. See technical data sheet MasterSeal M 860 or consult technical service | |
|  | Liquid membrane | MasterSeal M 860 / M 861 Hand applied 2-component polyurea-polyurethane hybrid waterproofing membrane. Thixotropic version available for details and application to vertical and steeply sloping substrates. | 2.4 - 3.5 kg/m ² |
|  | Topcoat 1 layer | MasterSeal TC 269 Pigmented, 2 C PU, high solid, elastic, UV-and weather resistant, silk glossy | 1 x 0.15-0.20 kg/m ² |
|  | alternative Topcoat 2 layers | MasterSeal TC 259 Pigmented, single component, solvent-based, elastic, UV-and weather resistant PU topcoat | 2 x 0.1-0.15 kg/m ² |

Note: Consumptions are indicative and may be higher, depending on substrate roughness, temperature and porosity, as well as waste produced during application.



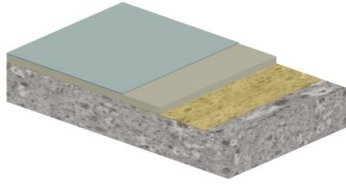
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Hand applied crack-bridging waterproofing roof system based on MasterSeal M 860

CE-MARKING EN 1504-2

| | |
|---|---|
| CE | |
| 1119 | |
| Master Builders Solutions Deutschland GmbH Donnerschweer Str. 372, D-26123 Oldenburg | |
| 15 | |
| 216001 | |
| EN 1504-2:2004 | |
| Surface protection product - coatings EN 1504-2: ZA.1d, ZA.1e, ZA.1f and ZA.1g | |
| Abrasion resistance | NPD |
| Permeability to CO ₂ | Sd > 50 |
| Permeability to water vapour | TBD |
| Capillary absorption and permeability to water | < 0.01 kg/(m ² xh ^{0,5}) |
| Thermal compatibility | ≥ 1.5 N/mm ² |
| Resistance to severe chemical attack | Reduction of hardness < 50 % |
| Crack bridging ability | A 5 at -10 °C B 4.2 at 23 °C |
| Impact resistance | TBD |
| Adhesion strength by pull-off test | ≥ 1.5 N/mm ² |
| Reaction to fire | Broof-T2 |
| Artificial aging | passed |
| Skid resistance | NPD |

NPD = No performance determined



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DISCLAIMER

In view of widely varying site conditions and fields of application of our products, this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical helpline for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with Master Builders Solutions and possible resulting damages are in the sole responsibility of the customer. All descriptions, drawings, photographs, data, ratios, weights i.e. stated herein can be changed without advance notice and do not represent the condition of the product as stipulated by contract. It is the sole responsibility of the recipient of our products to observe possible proprietary rights as well as existing laws and provisions. The reference of trade names of other companies is no recommendation and does not exclude the use of products of similar type. Our information only describes the quality of our products and services and is no warranty. Liability is accepted for incomplete or incorrect particulars in our data sheets only in the event of intent or gross negligence, without prejudice to claims under product liability laws.

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Germany

System build-up MasterSeal Roof 2160 – January 21
Version 01