# EUROLASTIC Primer ZM

zinc-rich 2-component anti-rust primer

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| **Product description** | **EUROLASTIC Primer ZM** is a 2-component anti-rust primer. |
| **Area of application** | - for indoor and outdoor use<br>- an anti-corrosion primer for steel<br>- bonding primer for all EUROLASTIC TC/TK and EUROTEX series polysulphide sealants (see primer matrix) |
| **Product characteristics** | - Primer and corrosion protection at sealant edge zones exposed to weather<br>- excellent adhesion to steel and galvanised surfaces<br>- highly viscous |
| **Colour** | Grey |
| **Substrate preparation** | The areas being treated must be dust-free, solid, dry with good key, free of loose and friable material and oil, grease, paint residue, bitumen, tar or similar substances that could interfere with adhesion. As a rule, the substrate must be prepared by<br>blasting with solid blasting material or grinding. With steel substrates, cleanliness level Sa 2 1/2 or St 3 must be achieved in accordance with EN ISO 12944-4. |
| **Backing** | Backing material must be installed prior to primer application. |
| **Processing conditions** | Substrate temperature between +5°C and +35°C. Ambient temperature between +5°C and +40°C.<br>The dew point must be taken into account! (+3°C above dew point) |
| **Processing** | As primer for joint sealants:<br>EUROLASTIC Primer ZM is supplied with the correct ratio of components A and B. Stir component A thoroughly. Thoroughly mix components A and B with a stirrer. The mixing process must |

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be carried out until a homogeneous, streak-free mixture forms. Do not mix for less than 3 minutes. Then pour the mixture into a second, clean container and mix again for approx. 1 minute. The temperature of the components should be between 15°C and 25°C.

EUROLASTIC Primer ZM is applied to the prepared substrate by brushing or rolling. The flash-off time is at least 2 hours. The resulting surface must be dull, rough and dry. Only then can EUROLASTIC Primer S2 be applied. After a flash-off time of approx. 10 minutes following application of the EUROLASTIC Primer S2, the sealant can be applied.
To ensure complete curing, the material and substrate temperatures must not fall below the minimum limit anywhere at any time during the curing phase.

As an anti-rust primer for steel surfaces:
EUROLASTIC Primer ZM is supplied with the correct ratio of components A and B. Stir component A thoroughly. Thoroughly mix components A and B with a stirrer. The mixing process must be carried out until a homogeneous, streak-free mixture forms. Do not mix for less than 3 minutes. Then pour the mixture into a second, clean container and mix again for approx. 1 minute. The temperature of the components should be between 15°C and 25°C.

EUROLASTIC Primer ZM is applied to the prepared substrate by brushing, rolling, spraying or airless methods. The flash-off time is at least 2 hours. The resulting surface must be dull, rough and dry. Only then can EUROLASTIC Primer S2 be applied. After a flash-off time of approx. 10 minutes following application of the EUROLASTIC Primer S2, the coating can be applied.
To ensure complete curing, the material and substrate temperatures must not fall below the minimum limit anywhere at any time during the curing phase.

Spraying:
High pressure spray method (cup gun) with 1.7 - 2.5 mm nozzle, 3 - 4 bar. Compressed air free of oil and water.
Airless spraying:
Min. 180 bar spray pressure, nozzles from 0.38 - 0.53 mm
Spray angle 40-80°

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| **Cleaning** | Fresh material can be removed from the tools with EUROLASTIC Cleaner G. Fully cured material requires mechanical cleaning. |
| **Consumption** | As primer for joint sealants:<br>for 15 mm wide bonding surfaces:<br>approx. 3 ml/m or 100ml/m²<br>These are approximate values. They may be significantly higher with rough or uneven substrates or due to varying temperatures.<br><br>As an anti-rust primer for steel surfaces:<br>Approx. 120 ml/m² at a recommended total layer thickness of 80ym.<br>Do not exceed a total layer thickness of 150ym.<br><br>These are approximate values. They may be significantly higher with rough or uneven substrates or due to varying temperatures. |
| **Packaging** | **EUROLASTIC Primer ZM**<br>is supplied in 0.8 l and 5 l containers. |
| **Storage and shelf life** | Store in a cool, dry place<br>(+10°C to +25 °C). Under these conditions, the shelf life of unopened and undamaged original containers is 12 months. |
| **Tests/ Approvals/Standards** | - DIN EN 14188-4 |
| **Special instructions/protective measures** | **EUROLASTIC Primer ZM** may only be processed in well-ventilated areas. Waste and containers must be disposed of in a safe manner. Avoid release into the environment.<br>The instructions in the corresponding safety data sheet must be strictly adhered to.<br>Avoid contact with eyes and skin. Wear impermeable protective gloves and safety glasses. During processing, do not eat or smoke and keep away from open flames. Do not inhale vapours! In enclosed spaces, wear a respirator fitted with an organic solvent filter. Completely empty containers can be returned to the KBS/Interseroh circulatory system. Instructions concerning special dangers and safety advice can be found in the safety data sheets. |

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**GISCODE** Germany: Hazardous material information system (GIS) of employer's liability insurance associations in the building industry: GISCODE RE 3

| Technical data* | | |
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| **Technical properties** | **Unit** | **Value** |
| Material basis | | Epoxy resin |
| Number of components | | 2-component |
| Mixing ratio | | 94 : 6 |
| Density at +23°C | g/cm$^3$ | approx. 2.8 |
| Solid volume at +20°C | % | 55 |
| Viscosity at +23°C | mPas | approx. 1,800 - 3,000 |
| Flash-off time | hrs | at least 2 |
| Object and processing temperature | °C | from + 5 to + 30 |
| Max. permissible relative humidity | % | 85 |
| Processing time at +20°C | h | 5 |

* These are approximate values. The values are not intended for the preparation of specifications.
When processing the sealant with a heated 2-component mixing and dosing system (max. + 60 °C), divide the curing times by two.

The data was calculated at +23°C and 50% relative humidity. Higher temperatures and/or higher relative humidity may shorten or extend these times. All technical data, measurements and information in this data sheet are based on laboratory tests. Actual measured data may deviate in practice.