# BAYMER® SPRAY 150

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| **General Properties and Applications** | Baymer Spray 150 is the polyol component that forms, together with the isocyanate Desmodur 44 V20 L, a polyurethane system that is used to form a rigid foam of a free rise density of 32 kg/m³ to be applied as a spray foam. The main use of this foam is the thermal insulation of buildings. |
| **Sampling** | Avoid access of humidity |

**Other Data***

| Property | Value | Unit of measurement | Method |
|---|---|---|---|
| Density at 23°C | approx. 1,2 | g/cm³ | LPUR - 050 |
| Viscosity at 25 °C | approx. 300 | mPa·s | LPUR - 002 |

* These values provide general information and are not part of the product specification

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| **Packaging** | Drums (240 kg) |
| **Storage** | Recommended storage temperature: 15 - 25ºC. Storage stability: 3 months, providing that the product is stored moisture protected, in closed drums. |
| **Labeling** | This product data sheet is only valid in combination with the corresponding current safety data sheet! Any updating of safety relevant information – in accordance with EU directives – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. For further technical information relating to safety, the Safety Data Sheet should be consulted. |

**Directions for Processing**

| **Recommended mixing ratio** | **(volume parts):** |
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| BAYMER Spray 150 | 100 |
| Desmodur 44V20 L | 100 |

| **Manual foam test** | **(internal laboratory methods):** |
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| Start time: | 2 ± 2 s |
| Gel time: | 5 ± 2 s |
| Free rise density: | 32 ± 2 kg/m³ |

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| **Processing** | Baymer Spray 150 should be mixed with the isocyanate component, Desmodur 44 V 20 L, with an appropriate machine in 1 to 1 volumetric ratio. The density of the obtained foam depends on the actual conditions during the application process and also on the spraying technique. The ambient temperature and moisture as well as the temperature and nature of the sprayed surface have a significant influence. |

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**Foam properties***

Compressive strength (UNE-EN 826): ≥ 140 kPa
Thermal conductivity (aged, UNE – EN 12667): ≤0,028 W / mK

These values are given only as a guide and must be verified in each individual case on finished parts manufactured under the processor's production conditions.

Fire classification (UNE-EN 13501-1): Euroclass E

The methods described in this publication for testing the fire performance of polyurethane and the results quoted do not permit direct conclusions to be drawn regarding every possible fire risk there may be under service conditions

Furthermore, this does not release the producer of the finished parts from his obligation to carry out suitable tests on his end product with respect to fire performance and/or fire risk in order to guarantee conformity with the required fire safety standard.

Closed cell content (DIN ISO 4590): > 95 %
Water absorption (EN 12087): < 2 %
This data have been measured with foam samples produced in the laboratories of BaySystems under controled conditions. They do not form part of the specification of the product.

* Foam obtained mixing Baymer Spray 150 with the isocyanate Desmodur 44V20L using an appropriate machine



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