

# Environmental Data Sheet

## BauderTHERM Membranes

### Torch-applied bitumen membranes



20/07/2026

**The environmental data sheet is valid for:**  
BauderTHERM DS 1 DUO, BauderTHERM SL500

#### 1. General information

|                                      |                                                         |
|--------------------------------------|---------------------------------------------------------|
| Quality management (ISO 9001)        | Certificate number 70499/03-24                          |
| Environmental management (ISO 14001) | Certificate number 70499/03-24_b                        |
| Energy management (ISO 50001)        | Certificate number 70499/03-24_d                        |
| GISCODE                              | Not applicable                                          |
| CE marking                           | Notified body: MPA Stuttgart, 0672 EN 13970             |
| Safety data sheet                    | Not applicable                                          |
| EU-Taxonomy                          | Compliant                                               |
| EPD according to DIN EN 15804        | Industry-wide EPD: International EPD® System: S P 00414 |

#### 2. Ingredients and emissions

| Reference standard                           | Substances considered                   | Classification |
|----------------------------------------------|-----------------------------------------|----------------|
| DIN EN 16516                                 | Volatile Organic Compounds (VOC)        | < 0.1 %        |
| REACH                                        | SVHCs                                   | < 0.1 %        |
| REACH                                        | Lead and tin                            | < 0.1 %        |
| MVV TB 2023/1                                | Active CMR substances 1A/1B             | Not present    |
| REACH                                        | Asbestos and Tar                        | Not present    |
| Use of Biocidal active substance 528/2012/EG | Root protection agents such as Mecoprop | Not present    |

#### 3.1. DGNB – German Sustainable Building Council

| Criteria                                  | Version               | Requirement                                                                                                         | Classification                                 |
|-------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| ENV 1.2 Risks to the local environment    | New Construction 2023 | Line 31b: Sheet waterproofing                                                                                       | Quality level 4                                |
|                                           |                       | QS 1 MCPPP-compounds ≤ 1 mg/m <sup>2</sup> , for green roofs ≤ 47 mg/m <sup>2</sup>                                 |                                                |
|                                           |                       | QS 2 MCPPP-compounds ≤ 1 mg/m <sup>2</sup> , for green roofs ≤ 47 mg/m <sup>2</sup>                                 |                                                |
|                                           |                       | QS 3 MCPPP-compounds ≤ 1 mg/m <sup>2</sup> , for green roofs ≤ 47 mg/m <sup>2</sup>                                 |                                                |
|                                           |                       | QS 4 MCPPP-compounds ≤ 1 mg/m <sup>2</sup>                                                                          |                                                |
| TEC 1.6 Ease of dismantling and recycling | New Construction 2023 | Evaluates regarding separability, dismantling, reusability and recyclability according to DGNB dismantling criteria | Declared application type: Torched-on membrane |
|                                           |                       |                                                                                                                     | Ease of recycling Standard                     |
|                                           |                       |                                                                                                                     | Ease of dismantling Standard                   |
|                                           |                       |                                                                                                                     | Effort to separate Reasonable                  |
|                                           |                       |                                                                                                                     | Effort to dismantle Medium                     |

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#### 3.2. QNG – Quality Label for Sustainable Building

| Criteria                                              | Version             | Requirement                                                                                                                          | Classification |
|-------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Avoidance of harmful substances in building materials | 1.3<br>(14.09.2023) | Pos 1.1<br>Product documentation and declaration of contained SVHC > 0.10 %                                                          | Fulfilled      |
| Avoidance of harmful substances in building materials | 1.3<br>(14.09.2023) | Pos. 10.3.<br>No CMR substances 1A/1B according to MVV TB Annex 10, declaration of biocidal active substances, Mecoprop ≤ 47.0 mg/m2 | Fulfilled      |

#### 3.3. BNB – Assessment System for Sustainable Building

| Criteria                       | Version                               | Requirement                                                                      | Classification  |
|--------------------------------|---------------------------------------|----------------------------------------------------------------------------------|-----------------|
| Risks to the local environment | New Construction 2015<br>(28.09.2017) | Pos. 37 Polymer bitumen membranes                                                | Quality level 5 |
|                                |                                       | QS 1 Documentation                                                               |                 |
|                                |                                       | QS 2 -                                                                           |                 |
|                                |                                       | QS 3 to 5 No addition of root penetration inhibiting active substances, Mecoprop |                 |

#### 3.4. BREEAM – Building Research Establishment Environmental Assessment Method

| Criteria                                                        | Version                           | Requirement                                                                                  | Classification |                                                         |
|-----------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------|
| Materials: Mat 02 Environmental product declarations            | International New Construction V7 | Existence of a valid and standard-compliant EPD                                              | Fulfilled      | Industry-wide EPD: International EPD® System: S P 00414 |
| Materials: Mat 03 Responsible sourcing of construction products | International New Construction V7 | Certifications are available for responsible procurement or environmental management systems | Fulfilled      | Environmental management ISO 14001 (70499/03-24_b)      |

#### 3.5. LEED – Leadership in Energy and Environmental Design

| Criteria                                                    | Version | Requirement                                                                                                                                      | Classification                          |                                                         |
|-------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------|
| Materials and Resources: Environmental Product Declarations | LEED v5 | Existence of a valid and standard-compliant EPD                                                                                                  | Fulfilled                               | Industry-wide EPD: International EPD® System: S P 00414 |
| Materials and Resources: Sourcing of Raw Materials          | LEED v5 | Recycled content                                                                                                                                 | Pre-consumer: 0 %<br>Post-consumer: 0 % |                                                         |
| Materials and Resources: Material Ingredients               | LEED v5 | The product does not contain any substances listed on the REACH Authorisation, Restriction and Candidate lists with concentrations above 100 ppm | Fulfilled                               |                                                         |

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#### 4. Legal information

For undated references, the latest edition of the referenced document (including any amendments) applies.

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