

Product Data Sheet

1/12/2026

Underfloor Heating Systems Screed emulsion

Romania - Purmo



- Perfect foundation for underfloor heating system
- Improved heat distribution
- Easy application
- Enhanced performance
- Cost-effective

Description

As an additive emulsion for the cement screed, this screed emulsion helps to lay the perfect foundation for an underfloor heating system. The enhanced mixture improves thermal conductivity and heat storage capacity, making it an essential component for efficient underfloor heating installations. Advised amount: 90 m² per 10 litres for a thickness of 6.5 cm.

Area of Application

As an additive emulsion for cement screeds, Screed Emulsion is ideal for underfloor heating systems, enhancing thermal conductivity and heat storage capacity. Advised for use at a dosage of 0.1 l/m² for a 65mm screed thickness.

Selection Criteria

For selecting the product or calculating the system, please use our technical documents, product manuals, our design service, or contact us via email or phone.

Basic User Instructions

Before adding Screed Emulsion to the cement screed mixture, ensure the area is clean and free of debris. Add the advised amount of Screed Emulsion (0.1 l/m² for 65mm thickness). Mix thoroughly to ensure uniform distribution. Apply the emulsion-enhanced screed mixture as per the underfloor heating system design. Do not exceed the recommended dosage.

Prescription text specifiers

Screed Emulsion for all cement-bound screeds (DIN 18560). The thermal conductivity and heat storage capacity are improved, enhancing underfloor heating efficiency. Dosage: approx. 0.1 l/m² for 65mm screed thickness. Ensure to mix thoroughly for uniform distribution. Suitable for creating the perfect foundation for underfloor heating systems with improved heat distribution and cost-effectiveness.

Warranty

Purmo radiators are warranted for a period of 10 years* from date of purchase against all manufacturing defects when they are used in normal conditions and for a heating system with hot water. The warranty does not apply to defects caused by installation or handling errors, misuse or factors external to the radiators, such as water quality or oxygen-permeable pipes.

Underfloor heating products and piping systems elements are warranted for a period of 10 years**.

* 6 years for galvanized radiators and 2 years for all electronic and electric components and spare parts sold separately (side covers, top grilles, plastic clips, plugs, air vents, fixing parts)

** 30 years for PexPenta pipes

Specification

| Feature | Unit | Value |
|------------------------------|-----------------|--|
| Etim Class | | EC010381 - Accessories/spare parts for floor heating |
| Depth | Millimetre (mm) | 200 |
| Weight | Kilogram (kg) | 5 |
| Height | Millimetre (mm) | 150 |
| Width / Length | Millimetre (mm) | 150 |
| Type of accessory/spare part | | Other |
| Accessory | | Yes |
| Spare part | | Yes |
| Item depth | Millimetre (mm) | 100 |
| Item weight | Kilogram (kg) | 400 |
| Item height | Millimetre (mm) | 100 |
| Item width | Millimetre (mm) | 100 |

Resources

| Document Description | Document Type | Link |
|----------------------|--------------------------------------|------|
| <h2>Items</h2> | | |
| Global Item Code | Item Description | |
| FBSADDIFB0075PP0 | Flooring emulsion 5l | |
| FBSADDIFB5007500 | PURMO screed emulsion canister 20 kg | |