



Self-levelling screed ATLAS SMS 80 25-80mm 25kg



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|------------------------|--------------------------------|
| Brand | ATLAS |
| Manufacturer | |
| Country of manufacture | Poland |
| Weight | 25.00 kg |
| Product Code | SMS-80-25-F |
| EAN | 5905400511611 |
| SKU | 10326 |
| Advice IBB | |
| Application | perfect for underfloor heating |
| IBB ID | 10326 |

Product specification

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|---|--------|---------------------------------|---|
| Manufacturer | ATLAS | Unit | plastic bag |
| Brand | atlas | EAN | 5905400511611 |
| Country of manufacture | Poland | Coverage | 18.0 kg / 1 m ² / 10 mm of layer thickness |
| Relative air humidity during application and curing | < 80% | Density of the finished product | ca 1.9 g/cm ³ |
| | | pH | 8 |

ATLAS SMS 80 - self-leveling screed (25-80 mm)

Most important features:

bonded, on the separating layer, floating
for underfloor heating system
for tiles, panels, carpets, epoxy floors
pot life up to 45 minutes

Product description:

ATLAS SMS 80 is manufactured as a dry mix based on cement.

- Levelling of substrates within a range of 25-80 mm – both when the substrate has only local irregularities and when the entire substrate has a slight slope.
- Raising of the floor level in the whole room – e.g. in order to level two adjacent rooms.
- Suitable for all types of rooms - in "wet" rooms the screed requires waterproofing before laying the floor top coat.
- Types of floor top coats – tiles, laminate flooring, epoxy floors as well as PVC and carpet coverings.

- It is a universal product and can be used as:

- levelling layer bonded to the substrate – thickness 25 - 80 mm – when the substrate is of good quality, e.g.: concrete (with or without underfloor heating), terrazzo, etc.
- self-supporting screed on a separating layer – thickness 35-80 mm – when the substrate is of poor quality and does not ensure proper adhesion - e.g.: dusty, cracked, oily, dirty, highly absorbent; the separating layer may be e.g. PE foil 0.2 mm thick,
- floating screed - thickness 40-80 mm - laid on thermal or sound insulations made of: polystyrene foam boards of adequate hardness, hard floor boards made of mineral wool, etc.
- screed on underfloor heating – thickness over the heating layer or just pipes should be at least 35 mm - it does not require additional reinforcement.

Main properties:

Perfect spreading – ensures perfectly smooth and levelled surfaces even in large rooms, no battens nor screeding level needed.

Suitable for manual and mechanical application – easy and quick application manually and mechanically. High application efficiency is reached with helical pump units.

Very low linear contraction - minimum change in linear dimensions during screed drying (≤ 0.6 mm/m) limits the risk of cracking and loosening of weakened substrates.

A long pot life (45 minutes) ensures comfort of application, particularly on large surfaces.

Main parameters:

Compressive strength: ≥ 20.0 N/mm².

Flexural strength: ≥ 5.0 N/mm².