



## Premium Levelling Compound

### Fibre-reinforced, flexible, self smoothing levelling compound

#### Product Overview

The Ambifibre PRO levelling compound is a flexible, fibre-reinforced, rapid setting, which can be applied from 3 mm to 40 mm in a single application. Ensuring excellent workability and is suitable for use with AmbiSolo, AmbiDeck, and AmbiSoundDeck.

Premium flowing capabilities and stability, this protein-free product sets with an outstanding surface finish and can be walked on after 95 minutes. Resilient floor coverings can be fitted after 4 hours, and tiles can be laid after 2 hours. Highlighting its true versatility, AmbiFibre PRO levelling compound is suitable for interior use and can also be installed as a wearing surface.

#### Key Details

- Excellent flowing capabilities
- Flexible and fibre reinforced, ideal for underfloor heating
- Suitable for use as a wearing surface
- No hazardous ingredients
- 50% reduction in carbon over traditional compounds

Water required per 20 kg bag		5 litres
Application temperature		> 5°
Application thickness		
Minimum		3 mm
Maximum		40 mm
@20°C		*For underfloor heating, see heat up procedure
Working time		20 minutes
Walk on		95 minutes
Tile after		2 hours
Fit covering		4 hours
Consumption per mm thickness		Approximately 1.55kg/m <sup>2</sup>
Classification (EN 13813)		CT-C25-F7

### Area of use

Floors	Interior	Domestic	Underfloor Heating	AmbiSolo AmbiDeck AmbiSoundDeck
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### Primer required

### Suitable floor backgrounds

Universal Primer	Cement: Sand Screed	Concrete	Plywood overlay (Class 3)	Tile backer boards
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### Coverage

This will vary dependent on the texture of the background and the application thickness of the product. As a guide, a 20 kg bag of AmbiFibre PRO mixed with 5 litres of water will provide the following approximate coverage:

Application thickness	3 mm	4 mm	6 mm	10 mm	20 mm	40 mm
Approximate coverage	4.3 m <sup>2</sup>	3.22m <sup>2</sup>	2.15m <sup>2</sup>	1.29 m <sup>2</sup>	0.65 m <sup>2</sup>	0.32 m <sup>2</sup>

**PREPARATION**

Backgrounds must possess adequate dryness and stability to effectively support the applied weight. Surfaces must be thoroughly clean, sound, and devoid of any contaminants that may hinder proper adhesion, including dust, dirt, oil, grease, laitance, and curing agents. Timber bases need to be well-ventilated and capable of carrying the extra load without any deflection.

**MIXING**

To prepare AmbiFibre PRO (1 x 20kg bag), you need to mix it with 5 litres of clean water. This ensures optimal product performance while providing the flexibility to adjust the water amount to achieve the desired consistency and flow. Please refrain from exceeding 5 litres of water per 20 kg of the compound. Begin by pouring the measured water into a clean bucket. Gradually add the powder while thoroughly mixing with a paddle mixer until a smooth, lump-free consistency is attained. Once mixed, the compound is ready for immediate use.

**APPLICATION**

Ambifibre PRO can be applied in a single application with a thickness ranging from 3 mm to 40 mm. Pour the mixed compound onto the prepared floor and then use a trowel or rake to regulate the thickness and direct the product into the desired areas. For an improved surface finish and to eliminate trapped air, a spiked roller can be used while the product is still wet. However, it's important to note that the spiked roller is only suitable when the compound has been applied at a thickness that allows the roller to move freely through it.

**PUMPED APPLICATION**

Ambifibre PRO is suitable to be pumped using appropriate pumping equipment.

**HEAT UP PROCEDURE \***

Increase flow temperature of underfloor heat by 5°C per day, leave unheated for 72 hours prior to applying floor finish.

**DRYING**

The drying times of AmbiFibre PRO depend on the temperature, humidity and porosity of the background. When tested at the industry standard temperature of 20°C, the product allows for walking on after 95 minutes, fitting resilient floor coverings after 4 hours, and fixing porcelain, ceramic, and natural stone tiles after 2 hours. It's essential to note that lower temperatures and high humidity will prolong the drying process, while higher temperatures and low humidity will accelerate it.

**THICKNESS**

AmbiFibre PRO can be applied at a thickness of 3 mm to 40 mm in a single application.

**STORAGE AND SHELF LIFE**

To ensure the quality of AmbiFibre PRO, it must be stored in its unopened packaging, kept off the ground, and stored in cool and dry conditions. When stored following these guidelines, the product has a shelf life of 12 months from the date of manufacture (D.O.M) indicated on the side of the bag.