



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

## Febflor Ultralay Data Sheet

### Specification notes

Product: **Febflor Ultralay**

Supplier:

**Arcon Construction Supplies**

**19-20 Prestwood Court**

**Leacroft Road**

**Warrington**

**WA3 6SB**

Tel: **01925 852225**

Email: [mail@arconsupplies.co.uk](mailto:mail@arconsupplies.co.uk)

Web: [www.arconsupplies.co.uk](http://www.arconsupplies.co.uk)

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# Febflor Ultralay

## Heavy Duty Universal Levelling & Resurfacing Compound

- Fast setting, foot trafficable within 2 hours, can be tiled within 3 hours
- Interior and exterior use
- Can withstand vehicular traffic
- Final wearing coat, overpaintable
- Water and frost resistant
- Application depth 2-20mm
- Coverage, 2.4m<sup>2</sup>, laid at a depth of 5mm

Colour	Product Code	Pack Size	Box Qty
Grey	FBFLORULTRA	20KG	1



## Flooring Screeds & Sealers

### Febflor Ultralay

#### Product Description

FEBFLOR ULTRALAY is an ultra high strength, rapid setting, abrasion resistant cement based powder, which when mixed with water, can be used to level out uneven floors and screeds. FEBFLOR ULTRALAY may be overlaid with common floor coverings or may be left as a final wearing surface. FEBFLOR ULTRALAY will even accept vehicular traffic. FEBFLOR ULTRALAY may be applied in one coat from 2-20mm in depth. Typical surfaces include concrete and screeding, existing unglazed ceramic tiles, brick, stone etc. When mixed as directed, the compound provides a free flowing mix that may be walked on in 2 hours and can be overlaid with ceramic tiles after only 3 hours at normal temperatures. NOTE: when overlaying with other floor coverings allow 24 hours drying time for each 10mm depth.

#### Typical Uses

For levelling and smoothing concrete and screeded floors where a heavy duty floor topping is required.

#### Features & Benefits

- Self smoothing, ultra durable finish – may be used as a final wearing surface and even withstands vehicular traffic.
- Rapid Setting – may be walked on in approximately 2 hours depending on temperature.
- May be covered with ceramic tiles after only 3hrs @ 20°C.
- Fills 2-20mm depth in one coat.
- Economical to use – simply pre-blend with water.

#### Instructions for Use

##### Preparation of Substrate

Floors to be treated must be free from grease, dust and loose particles. Existing concrete screeds must be a minimum of 4 weeks old before applying this product. Always prepare floors by dampening with water then priming with FEBOND PVA diluted 1 part PVA to 3 parts water to give a sound, slightly damp surface.

##### Application

20kg of FEBFLOR ULTRALAY will require 4 litres of water. DO NOT USE EXCESS WATER. Always add the powder to water. This should be carried out by stepwise addition whilst stirring until a free flowing creamy compound is produced. Pour the mixture out into the prepared floor and allow it to find its own level. Trowel down lightly to achieve an overall thickness not exceeding 20mm. For depths above 10mm, extension with 3mm granite chippings is recommended for heavy duty/vehicular applications. Where further finishing is

required, allow the surface to stiffen, usually  $\frac{3}{4}$  to one hour after application, and lightly sprinkle with water and carefully trowel to produce a smooth appearance. Do not sprinkle excessive water or over trowel at this stage. Allow 3 days cure prior to subjecting to vehicular traffic @ 20°C, longer at lower temperatures.

##### Coverage

20kg of FEBFLOR ULTRALAY mixed with 4 litres of water will cover approximately 2.4m<sup>2</sup> at a depth of 5mm depending on substrate.

##### Storage

Store in cool, dry conditions as for Portland Cement.

##### Shelf Life

9 months when stored as recommended by the manufacturer.

#### Performance Data

Appearance	Grey granular powder
Pot life	20 minutes at 20°C
Cleaning	All tools and equipment should be cleaned with water
Application Temp	4°C to 35°C
Overlay time	3-8 hours @ 20°C depending on covering used
Thickness	2mm - 20mm

