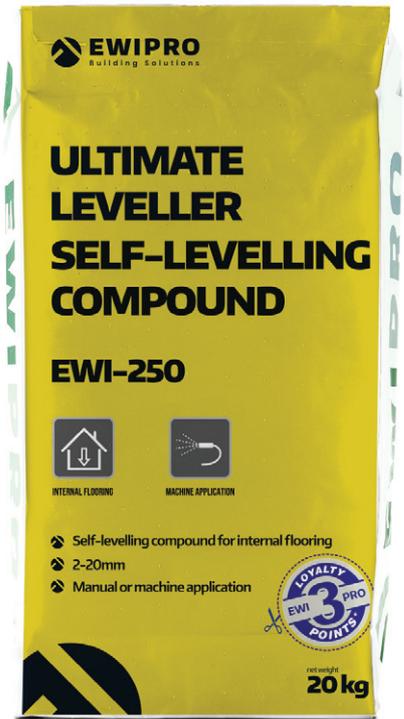


EWI-250

Ultimate Leveller Self-Levelling Compound



The EWI-250 Ultimate Leveller is the easy to use, ideal solution for achieving a perfectly level floor surface with minimal effort. A self-levelling compound, the product is intended for use on internal floors up to a thickness of 2-20mm. It can be applied manually or by machine to create a flat surface prior to putting down tiles, parquet or carpet flooring. This product is ideal for use on cement bases and offers a strong and durable finish.

Technical Specification

Composition

Portland cement, mineral fillers, calcium aluminate cement, modifying supplements

Water mixing proportions

4.4L per 20kg of dry mix

Dry-mix consumption

1.5kg/m² per 1mm of compound thickness

Intended Uses.

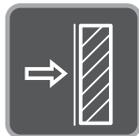
The Ultimate Leveller is intended for use as a self-levelling compound for internal floors, suitable for use with underfloor heating. Once set, it provides a smooth, level surface for the application of tiling, parquet flooring and carpet. This product can be applied at a thickness ranging from 2-20mm – if a greater thickness is required, use the EWI-251 Deep Fill Self-Levelling Compound which can be applied from 5-35mm thick.



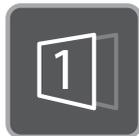
SELF-LEVELLING



FOR HORIZONTAL APPLICATIONS



GOOD ADHESION



ONE COAT APPLICATION



SUITABLE FOR SPRAY APPLICATION



CONTAINS REINFORCING FIBRES

Directions for use.

Substrate Preparation

Ensure that the existing floor is clean of dust, dirt, grease and any other substances than may affect adhesion. Cracks must be repaired and areas that are particularly rough and uneven must be filed down. Concrete substrates should be at least 6 months old, and cement screeds must be at least 4 weeks old.

Ensure that all expansion joints are secure. Unless the door has a threshold, or you are spreading the compound to a feather edge, install temporary battens in the doorway to prevent it running into the next room. After the substrate has been prepared, we recommend using a primer to provide a mechanical key and ensure adhesion.

Before application, determine the required thickness to which the product should be poured. To do this, use a long spirit level to determine how flat the existing floor is. If the floor is on a slight slope, lift the lower end of the spirit level until it reads flat, then measure the gap between the bottom of the level and the floor. This will tell you the amount of slope over the length of the level, enabling you to determine the average thickness that the levelling compound should be applied at. If necessary, mark this using expansion plugs and screws embedded within the ground.

Product Preparation

The dry compound should be mixed with 4.4L of clean cool water by hand or using a mechanical mixer on a slow rotating setting for 2-3 minutes (or until fully combined). Leave to stand for 5 minutes before mixing thoroughly once again. We recommend carrying out the mixing process outside or in a separate room to avoid dust contamination. Hardened compound should not be added to water or re-mixed with fresh material.

Application

Ensure that overalls and the correct footwear is worn during application. Start pouring the mixture out, using a rake or a flat-edged trowel to spread and distribute the product evenly. Trowel marks should disappear after a few minutes, so don't over-work the compound. We recommend starting at the furthest wall from the entrance and working backwards.

Use a spiked roller to remove trapped air from the compound as you go. Work should be carried out continuously until the whole room is covered. When pouring out the compound with a machine, use a dual mixing unit.

The surface will be safe for treading after approximately 5 hours and will have fully cured after 7 days.

Application Conditions

Application and setting temperature

(air, substrate, materials):

from +5°C to +25°C

Water mix proportions

4.4L of water per 20kg

Shelf life after mixing with water:

c. 30 mins

Quantity to be used

c. 1.5 kg/m² per 1mm of grout layer thickness

Layer thickness (min-max)

2mm-20mm

Treading time: 5 hours

Curing time: 7 days

Packaging

20 kg bag.

Storage

Shelf life: up to 12 months from the date of manufacture.

Keep dry and in the original undamaged packaging.

Safety Measures

Alkaline pH after mixing with water. Avoid contact with skin. Wear eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Clean-up

Wash tools immediately with clean water.