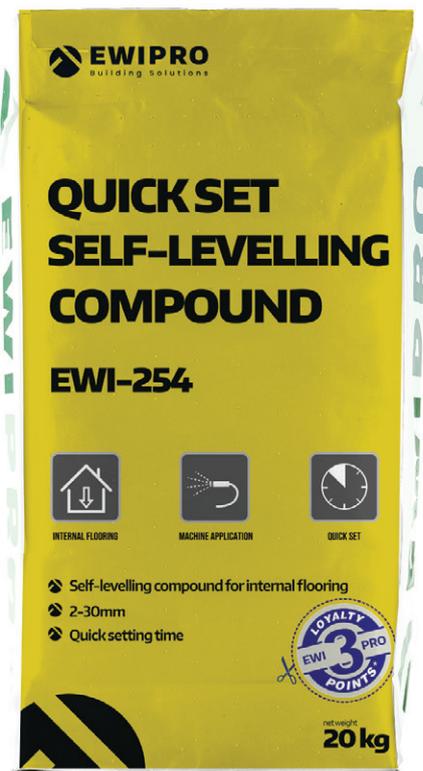


EWI-254 Quick Set Self-Levelling Compound

EWI-254 Quick Set Self-Levelling Compound is an easy to use internal floor-levelling compound. Due to the fact that it does not contain hydrated lime, this particular levelling product has a fast curing time of just 3 days, enabling users to complete the job promptly. EWI-254 can be applied at a thickness ranging from 2-30mm; the final result is a stable and durable finish that is perfect as a base before applying parquet, carpet or tiling.

Intended Uses.

The Quick Set Self-Levelling Compound is intended for use as a self-levelling compound for internal floors. Once set, it provides a smooth, level surface for the application of tiling, parquet flooring and carpet. This product has an increased setting time and can be applied from 2-30mm thick – if a greater thickness is required, use the EWI-251 Deep Fill Self-Leveller which can be applied from 5-35mm thick



Technical Specification

Composition

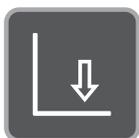
Portland cement, reinforcing fibres, calcium aluminate cement, modifying additives

Compliance with Standards

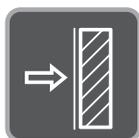
Product compliant with: EN 13813: 2002

Dry mix consumption

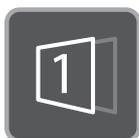
1.5kg/m² per 1mm of compound thickness



FOR HORIZONTAL APPLICATIONS



GOOD ADHESION



ONE COAT APPLICATION



SUITABLE FOR SPRAY APPLICATION



CONTAINS REINFORCING FIBRES



QUICK DRYING TIME

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 5.1L 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 3 hours and will have fully cured after 3 days.

Application Conditions

Application and setting temperature

(air, substrate, materials):

from +5°C to +25°C

Water mix proportions

5.1L per 20kg of dry mix

Shelf life after mixing with water:

30 minutes (at +20 °C)

Layer thickness (min-max)

2mm-30mm

Drying time

Treading time: 3 hours

Curing time: 3 days

Packaging

20 kg bag.

Storage

Shelf life: up to 9 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.