

SOPRA Level Top

Self Levelling Cementitious Floor Compound

Description

SOPRA Level Top is a self levelling cementitious floor compound with fast setting properties without shrinkage. It is supplied as a dry powder which requires only the addition of water to produce a smooth, free flowing and self levelling material. The material can be used for levelling uneven, in-situ or precast concrete floors.

Uses

- * Preparation of new interior floors.
- * Repair of worn or damaged floors.
- * Underlay for a wide variety of floor finishes e.g. tiles, carpeting, vinyl sheets etc.

Advantages

- * Self levelling to provide smooth even surfaces.
- * Economical fast laying and hardening.
- * Excellent adhesion to prepared substrates.

Packaging

25 kg bag.

Storage

12 months storage life when stored in original unopened bags in a cool, dry and shaded place.

Properties

Form	Powder
Application life @ 25°C, min	15
Setting time, min	
Initial	45
Final	60
Flow, mm	
Initial	300
15 min.	200
Compressive strength, N/mm ²	
1 day	10.3
7 days	20.8
28 days	35.1
Flexural strength, N/mm ² - BS 4551	
1 day	4.5
7 days	6.8
28 days	10.6
Coverage, Kg/m ²	2
1 mm thick	

Application Instructions

Surface preparation

SOPRA Level Top should be applied to a clean and sound concrete surface which is free from laitance, dust, oil, paint and plaster crust. The surface should be scratched and roughened, to provide a key. Apply a coat of SOPRA Bond PVA diluted with an equal volume of water and allowed to dry before application of SOPRA Level Top. Extremely porous substrates may require two coats of primer.

Mixing

SOPRA Level Top must be mixed with clean water, using 6 litres of water per 25 kg of powder. The water should be poured into a clean receptacle and the powder added slowly, while mixing by a whip-beater fitted to an

electric drill (300-500 rpm maximum), until a lump-free uniform paste is obtained. It should be mixed in batch sizes which can be applied within 10 minutes.

Application

SOPRA Level Top should be applied to the required thickness with a wide to-and-fro movement in a single pass using a stainless steel trowel. In one direction the trowel should be dragged almost vertical in order to expel air bubbles. In the other, the thickness should be controlled by keeping the trowel almost horizontal. This technique forces **SOPRA** Level Top into any holes in the substrate and minimises residual porosity.

SOPRA Level Top must be applied at temperatures between 5 and 35°C. In hot weather the substrate should be dampened and the mixing water temperature should be 10 °C.

The touch-time varies according to the temperature, but will be between 40 and 60 minutes. Properly applied **SOPRA** Level Top can be opened to pedestrian traffic in 6 to 8 hrs , depending on the temperature. **SOPRA** Level Top should be allowed to harden for 24 hrs. before coverings are applied.

Precautions

Health and Safety

SOPRA Level Top is non-hazardous. It should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. When contact with the skin is made, wash off immediately with soap and water. If swallowed, seek medical attention immediately, do not induce vomiting.

Technical Support

SOPRA provides on-site assistance and consulting services on projects when requested. Technical data sheets on other **SOPRA** products and guidance on their use are available on request.

Warranty

SOPRA products are guaranteed against defective materials and manufacture and sold subject to **SOPRA** standard terms and conditions of sale. Whilst **SOPRA** endeavours to ensure that any advice, information or recommendation given is correct, the company can not accept any liability either directly or indirectly arising from the use of its products, since the company has no control over the application of its products. Information contained in this document is given on the best current knowledge. **SOPRA** policy is one of continuous improvement and the company reserves the right to change its products without prior notice.