

A pumpable, self-drying levelling floor screed

weberfloor 4360 base flow rapid



About this product

weberfloor 4360 base flow rapid is a pumpable, self-drying levelling screed having a rougher surface structure than ordinary levelling compounds. Before floor covering, the surface must be primed and covered with a low alkali fine smoothing compound or a levelling compound. The material is supplied as a dry powder consisting of high alumina cement, natural sand, complementary binder and additives. The product is free from slag and casein.

weberfloor 4360 base flow rapid is recommended for applications where there is a need for thick layers of 20 – 80 mm and simultaneously reducing the drying time.

Technical data

Application temperature	+10°C to +25°C
Maximum thickness	80 mm
Minimum thickness	20 mm (minimum thickness floating 25mm)
Water demand	4.5 litres/25 kg (18%)
Compressive strength class	C30
Flexural strength class	F6
Shrinkage (28 days)	< 0.04%
Flow rate according to (Weber standard 68x35mm ring)	180 – 210 mm
Hardening time (before foot traffic)	2 – 3 hours
Pot life	15 – 20 minutes (after adding water)
Material consumption	1 mm = 1.85 kg/m ² 5 mm = 9.25 kg/m ² 10 mm = 18.50 kg/m ²

Uses

weberfloor 4360 base flow rapid is designed for use on:

- Concrete
- Stone/ceramics

Features and benefits

- ▲ Rapid drying – foot traffic after 2 – 3 hours
- ▲ Low alkalinity
- ▲ Recyclable raw materials
- ▲ Low emissions
- ▲ Casein-free

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Preparation

Substrate

weberfloor 4360 base flow rapid is designed for use on concrete substrates and stone/ceramics. The substrate should have a surface tensile strength of at least 1 N/mm² (pull-off strength).

Preparation and priming

The substrate should be clean, free from dust, grease and any other impurities that may prevent adhesion. Holes and leaks in the substrate should be sealed. Floor drains etc should be protected with lids and separated with stop ends. The surface should be vacuum cleaned and primed with **weberfloor 4716 primer** according to the instructions on the data sheet. After application and whilst the primer is still fresh, it should be lightly brushed to ensure a complete uniform film has been applied. The function of the primer is to improve adhesion to the substrate, to prevent air bubbles and to prevent de-watering of the floor compound before hardening.

Mixing

weberfloor 4360 base flow rapid should be applied using a mixer pump approved by **Weber**. The material is mixed with 18% water, which corresponds to 4.5 litres per 25 kg bag. It is important to add only the specified amount of water as excess water will reduce strength, increase shrinkage and encourage segregation. Whilst mixing, the water content should be checked continuously by the flow ring test (size 68 mm x 35 mm ring) to ensure that the material is correctly mixed and free from separation and lumps of powder. Conversely reduced water content increases viscosity. The temperature of the mix should ideally be between +15°C and +20°C.

Application

Light ventilation in the work area is necessary but windows and openings must be closed to avoid draughts during and after application. The maximum width of the pumpable area varies from 6 - 8 metres depending on the pump capacity and application thickness. Wider areas can be temporarily divided with stop-ends. Pumping is carried out in sections so that each new section is pumped as quickly as possible and to maintain a wet edge. A wide spatula or spiked roller is used to assist the self levelling process.

weberfloor 4360 base flow rapid can receive foot traffic after a drying time of 2 – 3 hours at an ambient temperature of +20°C. A smoothing or levelling compound should be used before covering with flooring (PVC or linoleum). Ceramic and terrazzo tiles can be laid after 24 hours, parquet after 7 days, directly on top of the screed. A top layer of screed can be applied after 3 days.

Packaging

weberfloor 4360 base flow rapid is packed in 25 kg bags on plastic wrapped pallet.

Storage and shelf life

When stored unopened in a cool, dry place at temperatures above 5°C shelf life is 6 months from date of manufacture.

Health and safety

Contains cement (Contains chromium (VI). May produce an allergic reaction). Harmful by inhalation. Irritating to eyes and skin. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.

For further information, please request the Material Safety Data Sheet for this product.

Technical services

Weber's Customer Services Department has a team of experienced advisors available to provide on-site advice both at the specification stage and during application. Detailed specifications can be provided for specific projects or more general works. Site visits and on-site demonstrations can be arranged on request.

Technical helpline

Tel: 08703 330 070
e-mail: technical@netweber.co.uk

Sales enquiries

Weber products are distributed throughout the UK through selected stockists and distributors. Please contact the relevant Customer Services Team below for all product orders and enquiries.

UK and Ireland

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