

# LIP

## 226 Fiber Floor Compound

Fiber reinforced, self-levelling,  
cement-based floor compound



- ▶ From 2 mm to any required thickness
- ▶ Very low emission
- ▶ Ready for walking on after 2 hours
- ▶ Ready for tiling after 2 hours
- ▶ Ready for eq. vinyl after 24 hours

# LIP 226 Fiber Floor Compound

## Applications

**LIP 226 Fiber reinforced floor compound** is used for the levelling, adjusting and filling of concrete, topping, natural stone, ceramic tiles, metal, mastic asphalt, cement clinker, wood, etc. Layer thickness from 2 mm to ∞ mm. Suitable for use with floor heating systems. **LIP 226 Floor Compound** must not be used outdoors and must on permanent water-stressed areas be applied an approved waterproof membrane.

## Surface

**LIP 226 Fiber reinforced floor compound** can be applied to dry surfaces that are stable and free from dust, dirt, oil, grease, wax, and laitance, etc. Can also be applied to concrete substrate floors with a maximum relative humidity of 95%. When spreading on anhydrite floors, the residue humidity must not exceed 0.5%.

## Surface preparation

Remove grease or soap with **LIP Deep Cleaner**. If the concrete surface is porous due to laitance, grind and vacuum-clean the surface thoroughly before spreading. Rough grind smooth surfaces before spreading. Priming is mandatory to dip and to bind dust.

Recommended: On raw concrete dilute 1 p/v **LIP Primer 54** to 1 p/v water. On absorbing surfaces dilute 1 p/v **LIP Primer 54** to 3 p/v of water. On non-absorbent surfaces dilute 1 p/v **LIP Primer 54** to 1/2 p/v of water. For organic substrates use **LIP Primer 54** undiluted. Allow primer to dry before spreading/filling (min. drying time approx. 1 hour). When priming, floor temperature must always be min. +10°C. When a dense coating is to be applied on a non-absorbent surface, **LIP 226 Fiber reinforced floor compound** must be applied in a min. layer thickness of 2 mm to be able to form a waterabsorbent layer. For spreading on dense surfaces the substrate must consistently be dry. Upon spreading the plane primer on a wooden substrate, the substrate must be mechanically stable.

**LIP Edge Band** is used for overlapping, as the filler must never be in direct contact to channelled floors, doors and walls, etc. Should levelling imply several layers, priming before each new application is required (1 p/v primer to 1/2 p/v of water), and if the surfaces is porous, it must be grinded. When in doubt, perform a test filling.

## Instructions for use

Dilute 25 kg filler with approx. 5 litres of clean, cold water for fluid, lump-free mortar. Stirring with a high-speed drilling machine and a long beater. The ready filler is applied to the floor area. Always begin in the area where the thickest layer is to be applied. **LIP 226 Fiber reinforced floor compound** is easy to apply in small layer thicknesses with a notched trowel or a flat trowel and flows well so that a new filling or grinding is usually not required. **LIP 226 Fiber reinforced floor compound** can also be applied using a pump. Please note that a lower temperature extends and a higher temperature shortens the processing time. An overdosing of the recommended water quantity will result in a reduced strength and possibly laitance and crack formations. The filler must during tempering be protected against heat from, e.g. floor heating and direct sunlight, draughts, etc. **LIP 226 Fiber reinforced floor compound** can be processed at temperatures of between 5°C and 25°C and must be kept

dry. For layer thicknesses of more than 8 mm, up to 30% oven-dried quartz sand 0.3-1.0 mm may be added. When adding sand the water quantity is unchanged, but a reduced flow is to be expected. When the product has been opened, it must be sealed tight and used up as soon as possible. If **LIP 226 Fiber reinforced floor compound** is applied with no top layer, e.g. clinker, tiles, vinyl, or the like, we recommend to treat the surface with e.g. **LIP Primer 54**, **LIP Epoxyprimer** or a strong floor paint. Please note that **LIP 226 Fiber reinforced floor compound** does not tolerate a persistent water load. Upon pitch build-up the water quantity is reduced by 10-20% depending on the pitch size.

**Cleaning** Clean residues from tools and hands with water, preferably hot water. Non-annealed filler must not be poured into the drain, as it will stop up.

## Coverage (per m<sup>2</sup>)

Bed thickness	2 mm	5 mm	10 mm	15 mm	20 mm	30 mm
Kg/per m <sup>2</sup>	3.6	9.0	18.0	27.0	36.0	54.0

## Packaging

25 kg plastic-laminated paper sacks. Store in a dry place.

## Hazards identification

Local irritant, contains cement powder. When mixed with water, calcium hydroxide will be formed. The product contains less than 2 mg water-soluble chromate per kg. Irritating to eyes, respiratory organs and skin. Keep out of reach of children. Avoid inhalation of dust. Avoid contact with skin and eyes.

**Further information** Material safety data sheet.

## Technical data

Initial setting: App. 1/2 hour (20°C)

Ready for walking on: After app. 2 hours (20°C)

Ready for tiling: After 2 hours (20°C)

Ready for eq vinyl: After app. 24 hours (20°C)

Coverage: App. 1.8 kg per m<sup>2</sup>/mm

Liquid measure (method SS 923519): 125-135 mm

Storage: Minimum 6 months.

**Tests** DS EN 13813: CT-C30-F5  
GEV EMICODE: EC 1<sup>plus</sup>R - VERY LOW EMISSION

**Colour** Grey

## General

LIP products are subject to continuous internal and external quality control. Apart from the above product information we refer to the national building regulations, general instructions, experiences and norms within the local building industry. LIP products are guaranteed to be free from manufacturing defects and fit for the purpose. LIP has no control over site conditions or installation procedures and accordingly cannot accept liability whatsoever for loss or damage which arises from incorrect use of its products or poor workmanship.

**LIP - when building on quality!**

# LIP

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