

PRODUCT DESCRIPTION

PlekoLevel FS is a fast setting, polymer modified, cementitious thin layer underlayment self-levelling compound. It is pumpable, self-smoothing and shrinkage compensated and provides excellent workability. It is composed of hydraulic binders, selected aggregates, and special chemical additives. It is easy to use by just adding water, improving on-site quality control.

USES

For interior use, to level and rectify uneven or damaged surfaces prior to the application of carpet, vinyl, tiles, parquet, etc.. Can be used in new built or refurbishment project, for both commercial and residential applications where medium to high pedestrian traffic is expected as well as wheeled traffic (chairs, trolleys). PlekoLevel FS is particularly suitable for hotels, schools, hospitals, shopping malls....

APPROVED SUBSTRATES

Can be laid over most common substrates such as concrete slabs, cementitious screeds, terrazzo, and other hard surfaces. Can also be used to level underfloor cooling & heating systems.

PACKAGING

25 or 50 kg in multiply paper bag or 1-2Ton in jumbo bag

COVERAGE

1.35 Kg/mm/m² Recommended thickness between 1-10 mm. Manufacturer does not warrant square meter coverage, which can vary greatly according to application techniques.

PROPERTIES

- **Fast Setting**
- **Pumpable**
- **Self-Smoothing**
- **Shrinkage Compensated**
- **Good Adhesion**

TECHNICAL DATA

Appearance	Free-flowing Grayish powder
Application Thickness	1 to 10mm
Bulk Density (Kg/L ± 0.5)	1.35
Water Demand (%)	23-25
Pot Life (min)	20-30
Setting Times (hrs): Light foot traffic Covering Bonding	3-5 24-72
Compressive Strength* (N/mm ²)	≥25
Flexural Strength* (N/mm ²)	≥6

*after 28 days

Comply To EN13813 C25/F6

INSTALLATION

SUBSTRATE PREPARATION

Surface must be sound, clean, dry, free of bond-inhibiting materials such as paint, grease, oil, efflorescence, form release agents and curing compounds... Loose or hollow portions should be removed by mechanical treatment. Prime the substrate with 1 coat of PlekoBond AC diluted 2to1. For superior bonding apply a tie coat made as thick slurry of PlekoLevel + PlekoBond brushed or roller applied onto the floor. Apply PlekoLevel compound while the primer is still tacky.

MIXING

Use a clean container free of all foreign substances for preparing and mixing material. Use a heavy duty electric drill and mixing paddle. Add in small increments while mixing thoroughly to achieve lump-free consistency. Avoid working excessively to prevent air entrapment. Small amount of clean water may be added if necessary to improve workability, but do not add water once the mixed material starts to harden.



APPLICATION

Pour or pump mixed PlekoLevel on prepared surface and spread to the desired thickness (1 to 10 mm in one coat) using steel trowel or squeegee. Keep the trowel slightly inclined to obtain desired thickness

If a second layer is required it is recommended to apply as soon as first coat has sufficiently set to receive light traffic (3-5hrs). if left overnight roughen the surface and re apply primer between coats.

CURING

No special curing is required.

LIMITATIONS

Apply only to unfrozen surfaces above 4 °C (40°F). Maintain minimum 4 °C (40°F) ambient temperature for 24 hours after application. Protect from direct sunlight, wind and rain during application

Do not mix with any additive or product unless recommended by Pleko.

Pleko bears no responsibility for the defects due to the improper or non-recommended use of the product.

CLEANING

While still fresh, soluble in water. Clean all equipment with water immediately after use. After hardening, tools should be cleaned mechanically.

STORAGE

Store in cool, dry, well-ventilated area, protected from freeze, heat and direct sunlight and at a temperature between 4°C (40°F) and 38°C (100°F), in tightly sealed original container off the ground. Storage time must not exceed one year.

HEALTH AND SAFETY

Avoid contact with eyes and skin. Prevent inhalation of dust.

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention.

The product is non-flammable

Attention

This product is intended for use by qualified professional contractors, as a component of a larger construction system and specification. It should be installed in accordance with given instructions and specifications. Information listed above reflects the criteria for our internal quality test and practical experience. Results depend on listed instructions and consumer skills and are therefore out of our responsibility whether expressed or implied. All values are valid for the product when dispatched from the plant. Technical data are generated under laboratory conditions, some variations are expected due to weather, site, and application conditions which are beyond the control of the manufacturer. We reserve the right to change any given specification without notice.