

PRODUCT DESCRIPTION

Pleko Plaster SD is a cement based, pre-blended bonding coat material designed to be applied as a spatter dash coat on smooth surfaces such as cast-in-place concrete, precast concrete and fair-face blocks to obtain a rough surface enhancing adhesion of the subsequent plaster. Suitable for manual or spray machine application. 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

As a bond enhancer and mechanical key on vertical, horizontal and overhead applications; for interior and exterior use.

APPROVED SUBSTRATES

Pleko Plaster SD can be used directly onto block or brick walls but also on smooth surfaces such as cast-in-place concrete, precast concrete and fair-face blocks

PACKAGING

25 or 50 kg in multiply paper bag or 1-1.5Ton in jumbo bag

COVERAGE

150-450 m²/ton depending on application thickness and method.

Recommended thickness between 2-6 mm

Manufacturer does not warrant square meter coverage, which can vary greatly according to application techniques.

PROPERTIES

- **Easy to use**
- **Economical**
- **Superior Bonding Strength**
- **Interior & Exterior Use**
- **Factory Controlled Quality**

TECHNICAL DATA

Appearance	Free-flowing Grayish powder
Bulk Density (Kg/L ± 0.5)	1.90
Water Demand (%)	16-18
Pot Life (min)	60-90
Tensile Bond Strength* (N/mm ²)	≥0.4
Compressive Strength* (N/mm ²)	≥6
Flexural Strength* (N/mm ²)	≥3

*after 28 days

Applicable Standards: BS EN 998-1 :2010; EN 1015-2; EN 1015-10; EN 1015-11; EN 1015-12; EN 1015-18; EN 12808-4

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. It should have been sufficiently cured in a way that any shrinkage has already occurred. Moisten slightly the substrate with clean water prior to application. Surface should appear damp with no water running.

Cracks in the substrate should be repaired before applying the plaster. Reinforcing materials, carriers, and corner/stop beads should also be installed prior plaster application.

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. Let mixture set for 5 minutes and re-temper. Small amount of

clean water may be added if necessary to improve workability, but do not add water once the mixed mortar starts to harden.

APPLICATION

Apply PlekoPlaster SD using spray machine or manual spatter tools in a single rough layer at 2 to 6 mm thickness; cover at least 95% of surface area

CURING

PlekoPlaster SD should be cured by spraying clean potable water every 8-12hrs for a minimum of 3 days; in hot & dry conditions minimum 5 days to minimize the risk of surface cracks.

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.