SURFACEFIX KUVARS®

Quartz Surface Hardener
(3 Colour Options)

FLOOR SOLUTIONS

Areas of Use

Applied monolithically to fresh concrete in garages, car parks, service stations, warehouses, areas exposed to heavy traffic, mechanical workshops, loading and unloading areas, and all building floors to increase abrasion resistance and prevent surface dusting.

Advantages

- Provides high abrasion resistance and surface hardness owing to the quartz aggregates it contains.
- Provides a smooth, hard surface on newly placed concrete and screeds.
- Easy to apply and requires minimal labour.
- Helps prevent cracking on surfaces.
- Makes applied surfaces easier to clean.
- Produces a highly durable, abrasion-resistant surface.
- Provides superior performance in areas subject to high surface pressure owing to its high degree of hardness.

Application

Surface Preparation

Before fresh concrete is placed, PRIMEL 200® should be applied to ensure compatibility between the existing and new concrete. There must be no excess water on the surface. Any accumulated water must be removed from the surface.

Mortar Preparation and Application

Application should begin when the previously placed concrete is firm enough to leave a footprint when stepped on. First, spread two-thirds of the material over the surface. After spreading, wait until the material absorbs moisture from the concrete. Then work it into the concrete using a low-speed mechanical trowel. Spread the remaining material over the floor and trowel it into the surface. Carry out the final finishing operation with a high-speed mechanical trowel once the surface is firm enough to walk on.
After application, use PRIMEL 500® curing compound to prevent shrinkage cracks and improve the performance of the surface hardener.

Consumption

Consumption: 5-8 kg/m^2 (2-4 mm thickness), depending on the intended use.
Consumption: PRIMEL 500®: 200-250 g/m^2.

Liability: Above stated data obtained in lab conditions. Entegre will not be liable for any defect in product occurring by reason of events or conditions not within its control such as misuse, mishandling, improper storage or improper installation. Entegre reserves the right to revise the information contained herein without prior notice.

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Technical Values

Flexural Strength, N/mm^2	≥ 7
Compressive Strength, N/mm^2	≥ 35
Abrasion Resistance (Böhme), mm^3	≤ 22

Packaging and Storage

- Supplied on pallets in 25 kg polyethylene-reinforced kraft bags.
- When stored unopened in its original packaging in a dry, frost-free environment, stacked no more than 8 bags high and without direct contact with the ground, the recommended shelf life is 6 months from the date of manufacture. Once opened, the bag should be used within 1 week.
- Keep the packaging tightly closed when the product is not in use.

Warnings

- When applying the surface hardener, do not throw the dry powder over long distances, as this may cause the aggregates to separate (to prevent segregation).
- Depending on the ambient temperature, construction joints should be cut 1-4 days after application.
- Application is recommended at temperatures between +5 °C and +35 °C.
- Do not apply under direct sunlight.
- Do not use outside the specified areas of application or contrary to the application instructions.
- Do not inhale directly. In case of contact with eyes, rinse thoroughly with plenty of water and seek medical advice if necessary.
- Request the product Safety Data Sheet for further information.
- Please consult us regarding all other application conditions and technical questions.

Certificate of Conformity

TS EN 13813 / December 2004 / CT-C35-F7

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