

COLOR HARDENER

COLOURED DRY SHAKE SURFACE HARDENER

DESCRIPTION

COLOR HARDENER is a ready to use dry silica quartz mineral aggregate. Suitable for finishing, hardening and colouring over freshly floated and levelled concrete flat-work where the surface is required to be stamped or stencilled.

USES

COLOR HARDENER is suitable for both interior and exterior applications as well as areas that require additional wear resistance such as car parks, driveways, hotel entrances, swimming pool decks, pavements and walkways.

MATERIALS COMPOSITION

COLOR HARDENER consists of hard wearing silica quartz mineral alongside properly sized and graded aggregates, dispersing agents, strength promoter and cement binder. When available in colours, the pigments are mixed uniformly and exhibit good UV resistance.

PACKAGING

COLOR HARDENER is packed in 25 kg moisture-resistant bags.

SHELF LIFE

Under normal conditions and kept dry, the shelf life of **COLOR HARDENER** is at least 6 months from the date of manufacture.

COLOURS

COLOR HARDENER is available in a range of 28 colours. Where customized colours are required, **COLOR HARDENER** can also be formulated to specification with sufficient prior notification of quantities.

PROPERTIES

- Compressive strength at 28 days is 65 N/mm²
- Abrasion resistance is 200% greater than traditional concrete
- Increased impact resistance than traditional concrete
- Hardness of aggregates is Mohs Hardness Scale 7

APPLICATION

After the concrete has been screeded, consolidated and further levelled by bull float and any free water has evaporated or been removed. The surface should be floated by hand or bull floated. Immediately following this floating operation, shake the **COLOR HARDENER** evenly by hand over the surface. The first application of the **COLOR HARDENER** should use about 2/3 of the total amount needed. The dry shake materials will absorb some moisture from the freshly prepared concrete and should then be thoroughly floated into the surface, preferably by a bull float. Immediately after this the remainder of the specified amount of the **COLOR HARDENER** should be distributed evenly over the surface at right angles to the previous application. This should be thoroughly floated and make part of the surface taking care that a uniform colours is obtained. Final towelling is best done by hand.

RATE OF USE

3 to 5 kg/m²

PROTECTION

The finished floor shall be protected. Any heavy traffic shall be avoided for 28 days. (The main contractor shall take necessary steps to protect the finished floor from damage by other trades).

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