



BUILDROCK SURFACE TOP

READY MIX DRY SHAKE ABRASION RESISTANT FLOOR HARDENER

TECHNICAL SPECIFICATIONS & DATA SHEET

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DESCRIPTION

BUILDROCK SURFACE TOP is a ready-to-use factory processed and specially graded non-oxidising, non-magnetic, non-metallic and mineral aggregate dry shake surface hardener free from oil and grease.

APPLICATION DATA

Floor Concreting - The floor concrete should be structurally sound and placed in accordance with good concrete practices. The Water:Cement ratio should be kept to a minimum consistency with the need to produce a fully compacted concrete without excess water coming to the surface. Particular care must be taken at the corners and edges of bays, hand ramming and firm trowelling being carried out to ensure that the level can be maintained throughout the subsequent trowelling operations. The floor concrete can also be vacuum dewatered.

FEATURES

- Provides built in wear resistance and produces high abrasion resistant floor surface.
- Impact resistance twice that of plain concrete.
- Three times greater surface density than plain concrete which increases resistance to penetration by oil, grease, hydraulic fluids, ethylene, glycol and many industrial chemicals.
- May be used for open and continuously wet areas.
- Non-rusting and easy maintenance.
- Fast construction with minimum site costs for materials handling and no-bonding problems.

MIXING & APPLICATION

BUILDROCK SURFACE TOP should be broadcast in two equal stages, evenly over the surface of the freshly laid concrete as soon as the surface water has evaporated. Immediately after each stage of broadcasting of the **BUILDROCK SURFACE TOP** the first trowelling should be carried out, either by hand or by means of a power float. When the surface has sufficiently stiffened a second trowelling should be given to close any pores and remove any undulation in the surface. This should be followed by a final hand trowelling to remove any disc marks. The floor must be thoroughly cured.

USES

BUILDROCK SURFACE TOP when troweled into the surface of concrete floors forms a toughened hard-wearing surface suitable for industrial use. It is recommended for factory floors, warehouse, hangers and car parks that are subjected to heavy traffic.

COVERAGE/DOSE RATE

This varies from 3 - 9 kg per m² depending on type of floor as follows:

Moderate duty	:	3 - 3.5 Kg/m ²
Heavy duty	:	4 - 5 Kg/m ²
Extra Heavy duty	:	7 - 9 Kg/m ²

PACKAGING

BUILDROCK SURFACE TOP is Available in 25/50 kg polyethylene lined waterproof gunny bags

PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use. Do not reuse containers for storage of consumable item. For further information refer to the material safety data sheet. MSDS available on demand or on BUILDROCK construction chemicals web site.

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