



PRODUCT DESCRIPTION

Dry Shake Quartz Aggregated Surface Hardener

DURAFLOOR is a ready to use, economical non metallic aggregate, dry shake floor hardener comprised of carefully graded Quartz-Silica aggregates, special additives and Portland cement. Proper installation of floor .

DURAFLOOR will impart long life and high durability to interior and exterior concrete floors.

USES

- Suitable for interior and exterior applications.
- Industrial building floors.
- Maintenance workshops and hangers.
- Garages and carparks.
- Storage areas.
- Loading areas.
- Areas exposed to tire wheeled vehicle traffic.

ADVANTAGES

- Easily applicable on fresh concrete.
- Provides even and homogenous surface.
- Prevents abrasion due to mechanical wear.
- Provides resistance against impact.
- Delays dusting of the surface.

Technical Properties	(at 23°C/%50 RH)
Appearance/Colours	Red/Green/Grey/Natural powder
Consumption	4-6 kg/m ²
Compressive Strenght	(7 days, EN 196-1) 75 N/mm ²
Surface Temperature	5 - 35 °C
Abrasion Resistance (28 days,)	~40 - 50%
CONFIRM TO EN 13813	

Application Surface Quality

- The quality of the provided concrete should not vary, the strength should be uniform through out over the surface.
- The concrete floor should be totally compressed, have the class of min. C25 (dose of 350, 25 N/mm²) and prepared with minimum water/cement ratio.
- The thickness of the applied concrete should be minimum 15 cm.
- The air entrained concrete is not convenient for surface hardener application.
- The fresh concrete surface to be applied should have been levelled with a wooden trowel.

Application Method

- The concrete surface should reach to a minimum bearing capacity. The foot print formation when walked over the surface should have a depth of 0,5-1,5 cm.
- Wait until the bleeding water should be evaporated from the surface due to conditions.
- For mechanical applications; DURAFLOOR should be spread evenly on the surface just immediately after it is applied to the surface with the automatic spreader with the amount of 5 kg/m² at once.





DRYLEX
New Generation Solutions

DURAFLOOR
TECHNICAL DATA SHEET



- Application in two steps is recommended for manual applications (3 kg/m² at first step, 2 kg/m² at the second step).
- Careful and homogenous scattering over the surface should be provided by preventing the variations.
- Scattering to the areas more than 2 m away distances is not recommended.
- Wait until the material scattered over the surface is moistured enough by absorbing the water content of the concrete. The moisture level can be tracked by the colour change.
- The surface should be compacted by a low speed mechanical trowel.
- Water addition to the surface where hardener applied is not allowed.
- Final finishing can be made manually or by mechanical trowel.
- Looseness or laitance on the surface indicates that the concrete is still fresh.
- Unless the concrete reaches to minimum required hardening conditions, surface should be compressed by low speed tray finishing and then final knife finishing should be made with high speed.

Storage DURAFLOOR bags are to be kept in dry storage to prevent water contamination.

Shelf life

24 months in unopened bags when properly stored.

Packaging

25 kg kraft bags.

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