

## BUILDFLOOR TOP (C) Non-metallic monolithic floor hardener

**DESCRIPTION :** BUILDFLOOR TOP (C) is a non-metallic, specially graded non-oxidising powder hardener in grey colour. It consists of selected and graded hard aggregate, Carborandum, Portland cement and other additives to improve placing and additional hardening. Selected colours can also be made available against specific requirements.

**USES :** For new concrete floors, which are subject to heavy traffic or where good abrasion resistance is required, e.g. industrial floors, trucking lane, loading bays, car parks, warehouse floors, repair work-shops, engineering workshops, petrol pumps/service station, garages etc.

### FEATURES

- ❖ Easy to apply by dry shake method, ready-to-use.
- ❖ Forms monolithic structure with floor slabs or screeds.
- ❖ Very good abrasion resistance.
- ❖ Resistant to oil and grease
- ❖ Excellent non-slip properties
- ❖ No rusting due to non-metallic tough material. No cracking
- ❖ Reliable – produced under rigid quality control system.
- ❖ On-site mixing of aggregate with cement is eliminated

**APPLICATION :** BUILDFLOOR TOP (C) floor hardener is most suitable on a base concrete with the following concrete mix design

Cement content	:	300 kg/m <sup>3</sup> (minimum)
Free w/c	:	Should be less than 0.55
Slump	:	Between 40 to 70mm

A designed concrete mix is advisable to avoid segregation and bleeding. Particular care should be taken at the corners and edges of bays to ensure that the level is maintained throughout the subsequent trowelling operations.

### COVERAGE

6 - 7 kgs. Per sq.mtr.	:	Heavy duty floor
4 - 5 kgs. Per sq.mtr.	:	Moderate duty floor
2 - 3 kgs. Per sq.mtr.	:	Light duty floor

When surface water from the freshly laid concrete disappears, BUILDFLOOR TOP (C) powder may be sprinkled/spread over and broadcast on to the floor. After about 5 minutes floating may be carried out with wooden float or power float/trowel. The material should be sprinkled in two stages in equal quantities.

**CURING :** Curing is the essence of making hardened concrete floor.

### TECHNICAL DATA

Colour	:	Natural grey
Compressive strength	:	Typically 600 kg/cm <sup>2</sup>
Shelf life	:	Six months if unopened
Storage	:	Keep it in a dry place.
Packing	:	50 kg. HDPE bags.
Health & safety	:	Non-flammable, non-toxic and eco-friendly.