

SDS Floor Hardener (Standard Dry Shake)

Densifying and strength enhancing dry-shake treatment for concrete floor surfaces

Description

Standard Dry Shake (SDS) Floor Topping is a blend of selected cements, pozzulanic fillers and aggregates chemically treated for efficient combination onto the surface of concrete during construction at initial set.

Advantages

SDS Floor Topping provides a monolithic surfacing to concrete that reaches over 60N/mm² at 28 days.

Application Rates

SDS Floor Topping is applied at between 4 to 7 kilograms per square metre dependant on the intended circumstances of use of the floor. Samson technical staff will provide motivated guidelines for correct choice.

Installation

SDS Floor Topping is spread onto the surface of the concrete at approximately initial set and finished to a smooth or swirl trowel texture at final set. For evenness of spread two applications are recommended; $\frac{2}{3}$ of the selected rate first, followed by the balance immediately after incorporation of the first shake. Request the Samson detailed method statement if needed.

Densifying

HC Sealer is used to lock in moisture for hydration of binder content by densification of the surface.

Performance Data

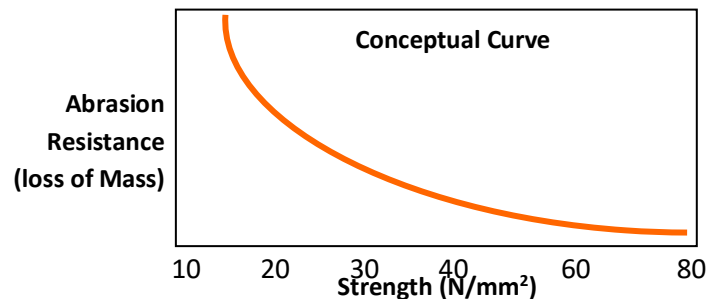
At 5kg/m² treatment at ambient temperature 20°C

Compressive Strength

24 hours	15N/mm ²
48 hours	30N/mm ²
7 days	60N/mm ²
28 days	70N/mm ²

Abrasion Resistance

Abrasion resistance of concrete is a function of its strength. **SDS Floor Topping** displays superior abrasion resistance than normal 70N/mm² concrete.



Packaging

SDS Floor Topping is packaged in 25kg polylined, woven bags. Each bag will treat 4 to 6 square meters of concrete floor.

Colours

SDS Floor Topping is available in plain Portland, or tinted versions. Custom colours will be produced where volume required is viable.

Shelf Life

The shelf life of **SDS** is 9 months, properly stored in cool, dry conditions



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Warranty

Samson warrants that its products will perform as declared in its literature and this warranty extends only to the replacement of any of its products that may be proven to be defective.

Disclaimer

Samson Technologies retains the right to change any information in our literature, at any time, without prior notification.