

HYDRO SCATTER CRETE

A Natural Aggregate Concrete Floor Hardener, 2-3 Times Greater Wear Resistant than Plain Concrete Floors

Description

HYDRO SCATTER CRETE specially graded inert quartz aggregate combined with blended cements, water absorbing agents and other proprietary chemicals. The hard wearing quartz aggregate has high abrasion resistant characteristics and is non-oxidizing and chemically inert.

Typical Applications

HYDRO SCATTERCRETE provides one of the hardest wearing non-dusting floor surfaces in the following typical locations / facilities:

Industrial / Commercial

Engineering Workshops
Abattoirs
Garages
Bakeries
Warehouses
Laboratories
Power Stations
Subways
Carports
Loading Bays
High Traffic Walkways
Car Parks
Breweries
Refineries
Desalination Plants
Factories

Household

Decorative Flooring
Garages
Lapas
Patios
Bathrooms
Entertainment Areas



Advantages

- * HYDRO SCATTER CRETE is designed to increase the durability and wearing properties of industrial and commercial concrete floors.
- * HYDRO SCATTER CRETE is applied by the dry shake method and is incorporated monolithically into the concrete surface.
it produces an extremely hard wearing durable floor surface with added resistance to abrasion, dusting and penetration of aggressive liquids.
- * Improves impact resistance.
- * Reduces maintenance costs.
- * HYDRO SCATTER CRETE can also be applied as a trowelled overlay system, incorporating HYDROBOND

Typical Properties

Natural concrete colour
Also available in other colours - see chart

Directions for Use

Base Concrete: The base concrete should be designed to a minimum of 25 MPA - 30 MPA with \pm 65 mm slumps.

Method of Application, Dry shake method: Base Concrete

- * Place concrete and strike off to the specified level
- * Level and consolidate with wood float, bull float or power trowel with the blades flat
- * If bleeding occurs, remove all bleed water from surface prior to application
- * Hand or machine floating

Application

- * The HYDRO SCATTER CRETE should be applied when the base concrete is sufficiently firm to take the weight of both workman and power float leaving foot prints no greater than 3mm in depth. It is essential that no free standing water is evident. DO NOT DELAY application when this point has been reached.
- * Apply 2 / 3 of the first shake and carry out the first power or hand trowel operation, repeat the operation with the remaining 1 / 3 at right angles to the first. Ensure that the first stage is completely trowelled - in before continuing with the second stage.
- * When the sheen begins to leave the surface, carry out power trowelling to close the pores and completely level the surface. Initially the power float blades should be set flat or at a slight angle and as the surface continues to stiffen, the angle of the blades should be increased When trowelling, do not add water to the surface for finishing purposes.

Coverage

Dry shake method:

The following table details the coverage rate of the HYDRO SCATTER CRETE:

Floor specification: kg / m² Dry Shake Application

Light duty: 3-4

Medium Duty: 5-7

Heavy duty: 8-10

Curing should be carried out immediately the final trowelling operation has been completed with HYDROCURE Concrete Curing Compound Protect all surfaces from traffic until the surface has gained full strength.

Joint: Saw Cut joints should be cut at + 5mm wide and 25% in depth to the surface bed thickness These joints should be cleaned immediately with water and compressed air and left open for at least 28 days before sealing Cuts should be made as soon as is practically possible without spading the cut joint Seal joints with HYDROSEAL Joint Sealant in gun or pour grade.

Watchpoints

- * Maximum concrete slump should be 75 mm
- * Do not apply over concrete containing calcium chloride or where concrete contains more than 3% entrained air
- * Do not cure with salt water or brackish water
- * Never apply over bleed water
- * Be aware of concrete susceptible to delayed bleeding.
- * Do not apply over concrete containing unrefined lignosulphonated admixtures.
- * Always cure as soon as possible with HYDROCURE Curing Compound

Packaging

Supplied in 25kg double-lined moisture resistant bags or 25kg buckets.