

Stonecrete plaster / Flooring Technical Data Sheet

About:

Pebble- Stonecrete Plaster, Gritwash Plaster & flooring **OR** Exposed Aggregate Plaster & Flooring are most popular words for this “Aggregate Art.” With large panel sizes are a designer’s delight where a cast– on–site exterior Plaster / flooring is required. It goes without saying that for floor & plaster applications, extremely high quality of the material and application quality as well as the construction of a perfect base are imperative. Pebble/ Stonecrete plaster / floors can be finished off in varying degree of aggregate exposure depending on the size of the aggregates used.

Based on expected abrasion on surface, special aggregates can be selected.

Key Features:

- It covers rough edges, uneven surface which increase durability & strength of wall.
- Crack, algae, fungus, moisture & Water resistance.
- Economical, Easy to maintains & Repair
- Natural Stone look & feel, can be wrapped seamlessly around columns & curve.
- Customized color range of natural stone chips, pebble & recycle aggregates.
- Execution by expert company applicators.
- Highxpert company approved & curveoved applicatores washing.
ly Customizable for architectural elevation & design concept.
- Vibrant color aggregate / Natural Stone chips / pebbles & recycle aggregates
- Large panel size with natural low curing.

Application:

Ideal for exterior surfaces, facades of Government Institutes, commercial, residential, corporates buildings, educational Institutes, Farm House, Step Risers, Hotels & Resorts, cycle track and low traffic applications, where seamless floors are required or desired etc.

Specifications:

Max. Aggregate Size		Compressive Strength	
6-8 mm or higher on request		>32 N/mm ²	
Flexure Strength	Bulk Density	Wet Density	Output/Coverage
>4 N/mm ²	~1500 kg/m ³	~2000 kg/m ³	~2.2 kg /mm/m ²

Application Thickness

We recommend to screed the floor in 12-20 mm thickness, depending on the size of the aggregate use. The thickness of the layer should be approximately 2 to 2.5x of the largest sizes of the aggregates used. Use laser screed for large sites and best results.

Curing:

It is a self-drying, on site application.

After Protection:

Adequate care should be taken to cover the flooring in a dust free yet breathable manner- from works of all other trades, till opened for final use. Possible to do a complete sealing/ protection with either Acryl Seal water based acrylic coating or Instakrete Clear Seal impregnation.

Open to Traffic:

The floor can be opened to

Pedestrian traffic: 2 days

Light traffic: 7 days

Technical Support

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