

DECK CEM

High performance mineral binder for screeds

INTRODUCTION

Deck Cem is a specially formulated hydraulic binder for use in the formation of bonded, unbonded or floating screeds on old or new concrete. These screeds are most suited as underlay screeds over which all types of flooring like ceramic tiles, natural stone, wood, PVC etc. can be installed. Screeds prepared with Deck Cem can be used in indoor as well as outdoor applications. Deck Cem mixed with the correct proportion of graded aggregates and water produces screeds which show exceptional strength and low shrinkage and cracking.

KEY FEATURES

- Screeds with Deck Cem are workable for longer time
- Screeds based on Deck Cem can be pumped suited for large scale applications
- Deck Cem based screeds provide good bonding with the base, lower shrinkage after hardening and do not require curing

TECHNICAL DATA

Pot life	2 Hours
Recommended Dosage	
High traffic areas	1:4 :: Deck Cem: Sand/ Fine Aggregates
Underlay screed	1:6 :: Deck Cem: Sand/ Fine Aggregates
Consumption	1-2.5kg per m ² per 10mm thickness (Depending on the quantity of aggregates)

APPLICATION PROCEDURE

Surface preparation

1. The substrate should be dimensionally stable, fully cured and free from dust, grease, laitance and other loose material. If any loose material is present remove it thoroughly by dry brushing. Clean the surface properly with water.

Mixing

1. Carefully mix Deck Cem with graded aggregates 0-8mm and water. The choice of aggregate size depends on the screed thickness. Water demand varies slightly depending on the moisture content of the aggregates.
2. Do not add cement in the Deck Cem screed mix and also do not mix Deck Cem with only fine sand.
3. The aggregates should be dust-free, well-graded and free from silt.
4. Do not add excess water.

Application

1. Deck Cem should be used as per the traditional methods for cement-based screeds. These include preparation and laying of leveling layers, compaction of the mix and final smoothing using floaters or other means.
2. It is essential to compact the mix fully to achieve proper strength.

PACKAGING

25 Kg Bag

STORAGE

Deck Cem must be stored in unopened bags in cool and dry conditions. It has a shelf life of 6 months from the date of manufacture.

HEALTH AND SAFETY

Kindly wear hand gloves and safety goggles while handling the product. Any contact with eyes should be washed immediately with clean water and seek medical advice. Do not swallow, avoid contact with food or cooking utensils and keep away from children's reach.

PRODUCT DISCLAIMER

This product is manufactured with utmost care and precautions using best available materials, techniques and keeping in view the end use and assured performance. However, no specific guarantee can be given since the application of the product (prevailing site and environmental condition while applying etc.) is beyond our control. We therefore welcome consultation in the event of doubt about application performance.