

## INSTAMIX PLASTOSMART

*Cement plaster with “PAF” technology for a durable structure*

### Description

Nuvoco “Instamix Plastosmart” is a high performance ready mix dry cement plaster with latest “PAF” technology.

Instamix Plastosmart is produced in controlled environment using well graded natural sand, cement, PP Fibers/ glass fibers, integral water proofing compound & other specialized polymers which provide smooth, crack & water resistant surface for a durable structure.



### Technical Data\* & Comparison with regular dry mix plaster

Properties	Market Practice	Nuvoco offerings	Advantages
Compressive Strength	6-10 MPa	10-15 MPa	High compressive strength improve the bond strength and is directly propositional to the durability.
Coverage** Kg/ Sq.ft /mm	0.16-0.35	0.16-0.25	More coverage reduces the per Sq.Ft cost
P.P. Fibers	Not using	As additive	Minimize the cracks on plaster surface results high durability
IWC	Not using	As additive	Provides water resistance and absorbed negligible water, it make plaster weather proof and improve the plaster durability.
Sand type	Crush sand /River sand	River Sand (Quartz sand)	Quartz sand is a silica type sand provide high strength and hard surface.
Sand Particle size distribution	Randomly mixed	Well graded sand mixing	Proper Particle size distribution results reduction in voids on the plaster, which improves the compressive strength and durability of the plaster
Relim Test	Not doing	done	Shows low absorption of water under normal atmospheric pressure
Bond Strength	< 0.15 MPa	> 0.45 MPa	High bond strength with mother surface results to more durable surface with lower rebound

\*The product has been tested in a NABL accredited lab, results may change as per weather & site condition

\*\* Coverage depends on the type of surfaces, it may changes as per site conditions



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### Features & Benefits



High strength 1:4 (Cementitious :Sand) provide high strength



Graded plaster sand, fiber & IWC are premixed in controlled environment provide high performance plaster.



High Durability: Added with IWC make it water resistance and increase the durability of plaster.



Crack Resistant: Fiber increases the resistance to shrinkage cracks on plastered surface.



Minimum Wastage: Pre-mix & low rebound while applying



Economical: Provide smooth & sound finish hence saving in post finishes.



Hassle Free: No need to deal with multiple vendors for cement & sand



Reduce Labour requirement: No need to sieve the sand at site.

#### Placing

Instamix Plastosmart should be stored in dry & covered area

#### Curing

Instamix Plastosmart should be cured for min 7 days, as per plastering process.

#### Packing

Packaging is available in 40 Kg PP bags.

#### Shelf Life

Instamix Plastosmart have a shelf life of 6 month provided stored in dry condition.

#### Precautions

For full health & safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of Material Safety Data Sheet (MSDS) from our office.

#### Disclaimer

*Use of this product is beyond the manufacturer's control. Manufacturer is not responsible for any loss or damage arising from incorrect usage. The information contained herein is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for a particular application.*

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