



Think **Gypsum** - Think **Buildon**



# P-20 CEMENTITIOUS DRY READY MIX PLASTER

[www.buildon.co.in](http://www.buildon.co.in)



**Buildon P-20** is crafted for both exterior and interior plastering, this specialized formula offers a robust, smooth base coat with superior shrinkage control. Its rich additives and precisely graded fillers ensure a seamless, strongly adherent, and highly workable mixture when combined with water. Easily applicable, **Buildon P-20 Cementitious Dry Ready Mix Plaster** can be administered by hand or spray machines.

## Uses

**Buildon P-20** is recommended for plastering on block walls, ceilings, bricks and concrete surfaces, it should not be used on painted surfaces.

## Approved by



## Benefits



Quality plaster due to best in class particle size distribution.



Very less rebound loss.



No hassle of maintaining mortar ratio.



Easy to count the number of bags which is very much useful for reconciliation. Excellent workability.



Surface obtained is highly impermeable due to the best grading hence becomes water-tight.



High durability cuts repair and maintenance costs.



Available round the year.



Completely legal.



Saves Time and labour.



- Smooth Finish
- Faster Application
- Waterproofing Compounds Added
- Fiber Added for Extra Strength

## Surface Preparation

Ensure the substrate is devoid of loose particles, dust, dirt, grease, oil, or paint. For absorbent surfaces, dampen with water before applying Buildon P-20 Cementitious Dry Ready Mix Plaster. Non-absorbent surfaces require a spatter cement slurry coat to enhance adhesion. When dealing with micro silica-containing surfaces, apply spatter cement slurry for

improved adhesion. Concrete or block substrates must adequately cure, and all shrinkage should occur prior to Buildon P-20 application. Avoid using it on surfaces prone to movement, vibration, or impact. Pre-saturate the surface and allow excess water to evaporate before application.



## Instruction for use

To achieve a smooth, lump-free mixture, combine Buildon P-20 with clean water. For every 40 kg bag of Buildon P-20, mix with approximately 7 to 8 litres of clean water. The resulting blend maintains workability for 1-2 hours post-mixing. After letting the mix settle for 5 minutes, re-stir before application.

Apply Buildon P-20 onto the surface either manually with a plastering trowel or via a spraying machine, forming a single layer of up to 20mm thickness. Once the plaster sets, achieve a polished finish using a wooden or foam float. Keep the float moist during smoothing.

For greater thickness, apply in two layers. Begin with the first layer, 10-15mm thick, creating a rough texture to establish a mechanical bond for the second layer. Apply the second layer after at least 48 hours, ensuring the first layer is cured with clean water. The second layer can be up to 20mm thick.

If utilizing a spraying machine, avoid leaving Buildon P-20 Cementitious Dry Ready Mix Plaster unused in the machine for over 30 minutes. Maintain proper curing by keeping the plastered surface damp.



## Health & Safety



Buildon P-20 Cementitious Dry Ready Mix Plaster is a cement based product. Avoid contact with eyes or skin. Provide adequate ventilation in working place to avoid inhalation of dust.

## Storage



Keep the product in its original bag and store in dry, covered place. In these conditions it can be stored for 3 months.

## Technical Specifications

<b>Appearance</b>	Grey coloured Powder (Granular)
<b>Water Curing</b>	5 Days
<b>Aggregate</b>	Well graded river-sand
<b>Basic Binder</b>	Ordinary Portland Cement and Fly Ash
<b>Additives</b>	Hydrated Lime with 85% Purity, Processed Flyash & Recron PP Fibre for Better Bonding & Strength
<b>Pot Life</b>	1 - 2 Hours

<b>Water Ratio</b>	17 - 19% by Weight
<b>Bulk Density</b>	1.4 - 1.7 Kg / ltr
<b>Dry Density</b>	2064 Kg / m <sup>3</sup>
<b>Grain Size</b>	0 - 2.5 mm
<b>Compressive Strength</b>	22.1 Mpa (at 28 days)
<b>Coverage (40 Kg Bag)</b>	For 10 to 12mm on block masonry coverage is approximately 17 to 18 sq.ft.
<b>Packaging</b>	40 Kg Bag
<b>Cement Sand Ratio</b>	1 : 4

**Shelf Life:** 3 months



### Buildon Plasters Pvt. Ltd.

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