

PORTLAND PLAST Flow is powder mortar plasticiser admixture for mix into masonry cement mortar for increase workability, flow-ability, and bond-ability in rendering and plastering. It will provide the creamy, slippery, soft, smooth, and adhesive mortar. Both green bonding strength and harden bonding strength highly increase. The result yield the very good in surface quality. Since it contain water-retaining polymer. All the void within the mortar become gel, no breeding or segregate occur. It becomes water-retain self-curing mortar. There are no needed to do the second operation of toweling for finishing as well as water curing is the reason for labor cost saving. The material also saving by the increase in flow-ability and workability able to increase the sand cement ratio for the same working condition.

FEATURES

1. You can save the cost of paint because cement doesn't need to absorb.
2. Lower cost, you can use instead of lime.
3. In the hardened mortar these minute bubbles provide a cushioning cracking and crazing in screeds or renders.
4. Save the labor cost, because you don't have to cure and from the single operation of working.

COMPLY WITH : ASTM C 1329 & ASTM C 91

WHERE TO USE : Usable for all type of Cement

DOSAGE : 1 pack (100 gm) per
1 bag (50 kg) of cement

HOW TO USE : Mix Portland Plast with mixing water, then mix with cement and aggregates, and apply

PACKAGING : 1 pack = 100 gm
1 box = 200 pack

Physical Requirements	Mortar Cement	Masonry Cement
Time of setting, Gillmore method: Initial set, min, not less than Final set, min, not more than	120 1440	120 1440
Compressive strength (average of three cubes): not less than 7 days, Mpa (psi) 28 days, Mpa (psi)	3.5 (500) 6.2 (900)	3.4 (1800) 6.2 (2900)
Flexural bond strength 28 days, min, Mpa (psi)	0.5 (70)	-
Air content of mortar: Min, volume % Max, volume %	8 16	8 21
Water retention value, min, %, of original flow	70	70