



ADHERE PLAST

Ready –Mix Plaster

Ready –Mix Plaster is manufactured in advanced dry mix plant with latest technology process. Plaster is ready to use by just mixing water at site. This process eliminates job-site mixing practices. Hence it gives consistent quality with required sand mesh sizes in exact proportion which is most important for compactness of plaster. Further to have desired work ability, less rebounding losses, required slump properties and overall durability.

FEATURES & BENEFITS

- Reduces Rebounding
- Excellent work ability and good adhesion on various substrate
- Negligible silt content
- Compact plaster, reduce void gaps
- Paint finish and life of paint are enhanced
- Highly durable & cost effective.

PREPARATION, MIXING & APPLICATION

- The substrate needs to be cleaned and made free from grease and loose particles. The porous and absorbent substrates need to be pre-wetted prior to application **ADHERE PLAST** Ready – Mix Plaster to prevent premature loss of water from the plaster. This will ensure that thin layer can be applied without cracking problems and proper cement hydration and adherence of the substrate is attained.

MIXING

- Use 7-8 liters of water for 40 kg **ADHERE PLAST** Ready – Mix Plaster. Pour the same, while mixing for 4-5 minutes with hand or still better with a mechanical mixer to achieve a good consistency. Do not over mix Allow mixture to stand for 2-3 minutes for additives to dissolve. Re-mix again for about 2 minutes, plaster is ready for use.

APPLICATION

- Allow plaster to the substrate, using some pressure while finishing with a steel trowel or wooden float to ensure optimum bonding of the plaster to the substrate. **ADHERE PLAST** Ready – Mix Plaster can be used for interior as well as exterior wall

Note:

- 1 –All tests are carried out at manufacturer's end, specifications are derived internally expect EN standard methods
- 2 –Flexural Strength, Pull Adhesion & Water Retentivity is conducted as per En standard methods. Specification for Flexural Strength is derived internally since limit are not specified in EN standard.

Note:

Whilst any information and / or specification contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendation or suggestions made by us, our representatives, agents or distributors as the conditions of use of any labour involved are beyond our control.

SPECIFICATION: In **ADHERE PLAST** Ready – Mix Plaster 1:4

TEST	TEST METHOD	SPECIFICATION
Setting Time : Initial	IS: 4031 PART - 5 1988	>=30 Min
Final	IS: 4031 PART - 5 1988	>=600 Min
Pull Off Adhesion: 10 mm thick on concrete. Storage 7 days in polythene bag @23°C + 7 days @ 23°C with 50 % R.H	ASTM 4541 & EN 1015 - 12	Min 0.3 Mpa
Water Retentivity	EN 1015-8	Min 95 %
Compressive Strength: 2day in mould + 5 days in polythene bag + 21 days @23°C with 50% R.H	EN 1015-11 : 1999	As per En 998 - 1 for Categories [N/MM2] CS I - 0.4 TO 2.5 CS II - 1.5 TO 5 CS III - 3.5 TO 7.5 CS IV - >6
Flexural Strength: 2day in mould + 5 days in polythene bag + 21 days @23°C with 50% R.H	EN 1015-11 : 1999	Min 1.8 Mpa
Capillary Water Absorption	EN 1015 - 18	As per EN 998 - 1 WO no requirements W1 C <= 0.40 kg/m ² .min ^{0.5} W 2 C <= 0.20 kg/m

COVERAGE

ADHERE PLAST Ready – Mix Plaster approx coverage per 40 kg bag is as under

- 10-12 mm plaster on light weight blocks is 17-18 sq ft
- 10-12 mm on brick wall 14-15 sq ft
- 18 mm on light weight blocks is 11 sq ft
- 25mm on brick wall 7-7.5 sq ft
- 10 mm on RCC 20-22 sq ft
- Coverage depends on quality & nature of substrates hence is indications

Plaster > 10-12 mm must be in 2 coats.

PACKING & STORAGE

ADHERE PLAST Ready – Mix Plaster is available in 40 kg bag and has a shelf life of 6 month subject to stored in a cool and dry location properly. As temperature, humidity, water addition and other parameters vary from site to site, the above information should be treated as a general guideline and keep it out of reach of children.

