PROMiX
Ready-mix Building Materials

DAMPPRO

WATERPROOFING ADMIXTURE

Integral Waterproofing Admixture for Plaster & Concrete

ABOUT DAMPPRO

Damppro is an integral Waterproofing compound which makes concrete and plaster denser and non-porous and also prevents the penetration of moisture through the concrete. Reduces shrinkage cracks.

STANDARD COMPLIANCES / SPECIFICATION

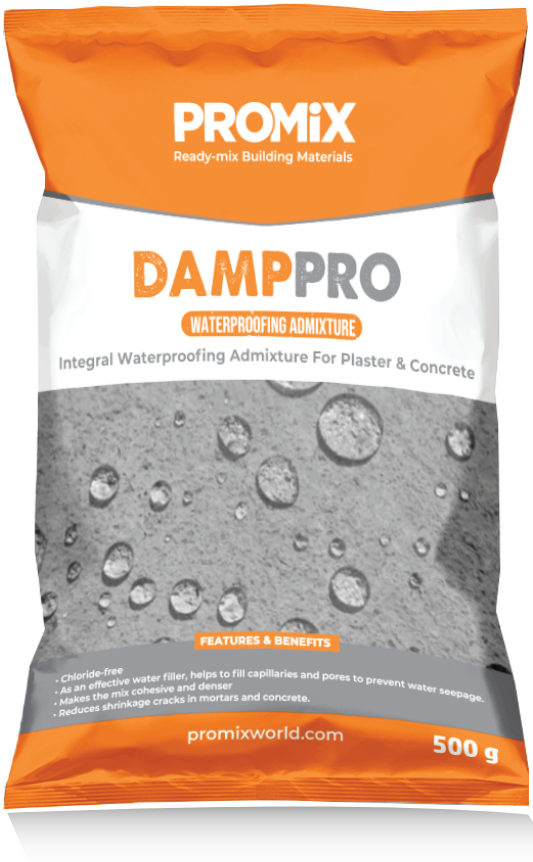
Meets the requirements of IS : 2645 – 2003 standard

WHERE TO USE DAMPPRO

- Basements,
- Roof slabs and screeds,
- Water retaining structures,
- External plastering,
- Bathrooms
- Balconies.

FEATURES

- Chloride-free hence no chances of corrosion of reinforcement bars.
- As an effective pore filler, helps to fill capillaries and pores to prevent water seepage.
- Makes the mix cohesive and denser, hence the concrete & plaster has reduced permeability.
- Most economical water proofing additive, reduces water absorption.



METHOD OF APPLICATION

1 HAND MIXING

- Add Damppro to the dry mix of cement sand and mix evenly with a spade, until an even mix is obtained.
- Add the measured quantity of potable water as per decided W/C ratio and mix to a uniform consistency concrete / mortars.
- Place the mixed concrete / mortar into shuttering, provided
- Cure the concrete / mortar surface as per regular practices of water curing.

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2 MACHINE MIXING

- Charge the Cement & sand as per the mix design into concrete mixer & mix for one minute. Add 500 g of
- Damppro for every 50 kg bag of cement & mix for one minute.
- Add the measured quantity of potable water as per W/C ratio and mix for 2-3 minutes to a lumps free uniform concrete.
- Place the mixed concrete mortar into shuttering provided.
- Cure the concrete / mortar surface as per regular practices of water curing.

PACKING: 500 G

CAUTIONS

- Do not mix Damppro directly with water.
- Do not add Damppro in wet concrete / mortar.
- Mix with dry mortar composition.
- Keep away from children

TECHNICAL INFORMATION

PROPERTIES	SPECIFICATION	RESULTS
Appearance		Free flowing powder
Colour		Off white
Bulk density- tapped, gm/ml		0.5 to 0.8
Setting time @ 30°C, mins	IS : 2645-83	Passes
Compressive strength, N/MM^2	IS : 2645-83	Matches to control mix
Water permeability	IS : 2645-83	<50% of control mix

DOSAGE: 500 gm of Damppto for every 50 kg bag of cement.

SHELF LIFE

- Shelf life is 12 months from date of manufacturing in unopened containers.
- Store in a cool & dry place, away from direct sun heat & fire.

HEALTH & SAFETY

- Use rubber hand gloves & safety goggles, while using Damppro.
- In case of contact with skin, wash with plenty of water.
- Keep out of reach of children.

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