



ezyplast®

Interior Hardwall Plaster

INTRODUCTION

EZYPLAST is a gypsum-based interior plaster easily applied by trowel or machine over concrete blocks, masonry, bricks, metal lathe, gibboard or plaster board. EZYPLAST is a one-coat hardwall plaster with a controlled setting time and excellent finishing properties.

PROPERTIES

Density	700kg/m ³
Compressive Strength	5100 KPa
Abrasive Strength	Adequate for most exposures
Water Resistance	Unaffected by modest exposure during construction
Vapour Permeability	No vapour barrier formed
Frost Resistance	Good
Flamespread	Nil. Adds to fire rated construction

BACKGROUND PREPARATION

Background preparation for EZYPLAST is the same as for conventional gypsum-based plasters. If a PVA bonding agent would normally have been used, then it should still be specified.

On concrete or brick backgrounds ensure the surface is in sound condition and free of oils or paint.

Metal corner beads must be used on all external corners, and metal depth gauge beads should be set in place where a perfectly flat and level finish is required.

Metal lathe must be fixed in accordance with the manufacturer's recommendations. Ensure all laps are tightly tied together with galvanised wire and that the ends of the wire are turned away from the plasters finished surface.

Plaster board and Gibraltar board joints must be stopped and taped in the normal way prior to coating with EZYPLAST.

THICKNESS REQUIRED

On concrete and blocks the overall thickness of the coat of EZYPLAST should be no less than 5mm. Plaster thickness to achieve a flat surface on such a background will normally be between 5mm and 10mm.

If the background is level and of even suction, e.g. taped and stopped Gibraltar board, a minimum thickness of 5mm is practicable.

Up to 50mm of EZYPLAST can be applied in one coat. Where the thickness is to exceed this, a dubbing out coat should be applied and scratched preparatory to building up with a second coat to bring the surface to the final level required.

PLASTER PREPARATION

Each 20kg bag of EZYPLAST is mixed with approximately 11 litres of clean potable water.

Place all the water for a mix into a bin (a 50 litre rubbish bin is ideal) and while stirring with a powered whisk add all of the plaster.

Small quantities can be mixed with suitable hand tools. If you are using a pump or have a need for plaster mixes using several bags of EZYPLAST a conventional plaster paddle mixer is ideal.

Remember, always clean mixing tools thoroughly after every mix to ensure the setting time of subsequent mixes are not effected.

Do not mix more plaster than you can use in one hour.

Do not re-activate mix with water once it begins to set.

PLACING

Conventional hand plastering techniques are suitable with EZYPLAST. The product has also been formulated so it can be sprayed or pumped with certain types of equipment. Check EZYPLAST plaster is suitable for the machine with a small trial application.

Apply the EZYPLAST to the background with firm pressure, and double back with more plaster to achieve a nearly level surface. If pumping material onto the wall, strike off the surface with a long screed, double back with the pump and fill in the hollows and then re-screed to a nearly flat surface. When a reasonable area has been covered in this way to the required thickness, use a trowel or wide bladed spatula to fill in any remaining hollows and flatten out any humps in the plaster surface.

After about one hour, when the plaster starts to firm up rule or scrape the surface to its final flat finish.

The surface is then worked with a sponge to provide enough softened plaster to allow for a final polishing to a smooth surface with a steel trowel or a wide blade spatula.

The final surface does not have to be polished and can be left after being worked lightly with a sponge covered trowel.

Normal hardwall plastering techniques should be used with EZYPLAST and the surface should not be over-worked.

SETTING TIME

EZYPLAST will start to stiffen after approximately one hour. The time will vary depending on the plaster thickness and the background suction. The set will progress evenly to a final trowelling stage after approximately one and a half hours.

PAINTING

EZYPLAST coated surfaces should be left to dry out completely before painting.

COVERAGE

5 square metres/bag for a 5mm plaster thickness.

PLASTER STORAGE

Bags of EZYPLAST must be stored in a dry area, preferably off the floor on a timber pallet or timber dunnage.

Rotate the stock to ensure that the oldest material is used first.

Plaster stock that is older than 6 months should be discarded.

HEALTH AND SAFETY

EZYPLAST plaster dust is an irritant, and paper dust protection masks should be worn while it is being mixed. The wet plaster is alkaline, and prolonged skin contact should be avoided.

TECHNICAL ADVICE

An advisory service is available to the specifiers, and users of EZYPLAST by contacting the manufacturers.

EZYPLAST® is a registered trademark of Plaster Systems Ltd.



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