



STARPLAST

PrimaryCoat AcrylicPlaster

TSP-PC-101

PRODUCT DATA SHEET

Product Description

StarPlast PrimaryCoat (PC) is a spray-applied acrylic plaster, is ideal for interior building surfaces, giving superior quality, unwrinkled and smooth surfaces ready to be painted or given unconventional finishes. This is an acrylic polymer-based, compound of inert finely-filtered fillers, which saves time and effort as there is no pre-mixing. Suitable for both precast and conventional brick-and-mortar constructions, direct application on new or old dry surfaces of pre-cast concrete, aerated concrete, sand/cement, fair-faced and level brickwork, all give excellent results. Using this as a primary coat on any construction substrates presents a smooth, level surface taking out all imperfections up to 10mm depth. If combined with StarPlast CementitiousEnhancer (CE), it enhances the surface, rendering hardness and water impermeability. Such combination has a 72-hour curing period. This product has anti-fungal properties from the additives in it.

Method of Application

On Walls. Surface Preparation: Repair irregular and loose areas. Dust, dirt and foreign matter should be removed by brushing and blowing. All oil and greasy residues such ridges and form oil and release agents should be cleaned out; areas not to be sprayed should be masked. Corners are to be reinforced with micro-angle beads. All traces of salts, degradable curing compounds etc., should be removed. Use glass fibre mesh to reinforce block/concrete interfaces. For concrete cast on site, StarBind Primer should be used first. On aerated lightweight concrete blockwork or areas which have flaking or shows disintegration, StarBind Primer Plus should be used before spraying StarPlast PrimaryCoat.

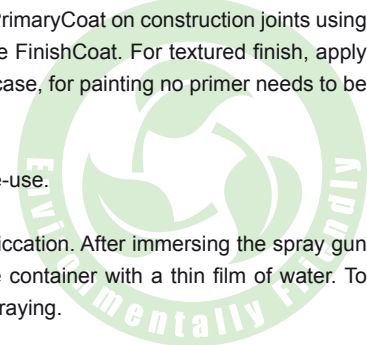
Application: Though Starplast PrimaryCoat is ready-to-go, dilution with 2-3 % water addition is admissible depending on the nature of the surface. After the initial patch work to address uneven/damaged surfaces, the first coat should be sprayed. Using a steel edged spatula or an adequate planer, the surface should be levelled. An advantage with Starplast is that excess off the spatula or planer can be put back directly into the machine. A second coat of Starplast PrimaryCoat need be applied only on inspection and to close out minor imperfections. Curing is to be done by spattering water on the surface 24 hours after application; repeating this process strengthens the plaster. Finish the surface with one or two coats of StarPlast Fine FinishCoat. In case of mixing with StarPlast CementitiousEnhancer, mix 25kg of each (1:1 ratio) in 4-5 litres of water in a mechanical mixer and then stir thoroughly to get a homogenous mixture. Then follow the above spraying procedure.

On Ceilings. Surface Preparation: Clean the surface; repair irregular and loose areas and remove protrusions. Dust, dirt, and foreign matter should be removed by brushing and blowing.

Application: Then apply a skim coat of StarPlast PrimaryCoat. Normally StarPlast PrimaryCoat is sufficient for interior ceilings. Depending on the substrate and ambient conditions, if a blend of PrimaryCoat and CementitiousEnhancer is indicated, then follow the procedure as in case of the walls. Spray apply StarPlast PrimaryCoat on construction joints using appropriate mesh where necessary. After drying, spray two coats of StarPlast Fine FinishCoat. For textured finish, apply using a spray gun or roller. With textured finish, painting need not be done. In any case, for painting no primer needs to be used.

Tools and equipment should always be cleaned out with water to ensure smooth re-use.

In case there are breaks in spraying, a simple process avoids the nuisance of desiccation. After immersing the spray gun in water and washing the top of machine, cover the Starplast PrimaryCoat in the container with a thin film of water. To resume spraying, remove the excess water from the machine and recommence spraying.





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Health & Safety

Prolonged contact with eyes and skin is not recommended. Always wear protective eye-gear and overalls. Detailed information is given in the MSDS.

Packing & Storage

The product is packed in 25kg net plastic protruding valve bags. These bags are transported in heavy duty cardboard cartons, stacked on disposable pallets. Pallets should not be stacked one on top of the other.

Store in a clean, dry place. Always avoid completely direct sunlight and extremes of heat and cold.

As long as bags are not opened, usage up to nine months is possible. Always follow first-in-first-out policy.

Product Technical Data

Product	Acrylic Plaster in paste form, pre-mixed for spray application
Composition	Formulated from Acrylic co-polymer binders and finely graded fillers
pH Value	8-9
Specific Gravity	1.75
Toxicity	Non-toxic
Colour	Brown
Storage	9 months
Application Machine	StarMac SM1/Compressor 600 litres/min

Product	Packing	Colour	Area coverage with 3-4 hands	Area coverage by spray with 3-4 hands	Output per kg with 1mm in m ²
PrimaryCoat	25kg	Brown	125 m ²	500 m ²	1.75

TRIMIX offers a complete range of products for spray plastering and all-surface finishing.

Technical Service is offered by Trimix LLC's Technical Service Department (TSD). A team of Sales/Demonstration Instructors is always available for technical assistance to the Customers on the correct usage of our products. The information given in this leaflet is based on laboratory research as well as extensive field work and application and its present state of knowledge and intended to provide general information on the products and methods of usage. All products are subject to standard conditions of sale which are available on request. Prospective users are advised to determine the suitability of the products and suggestions before adopting them on a commercial scale. Trimix is not liable for any incidental or consequential damages directly or indirectly sustained nor for any loss caused by application of the product(s) not in accordance with instructions or for other than their intended use. Any claim shall be deemed waived unless made in writing to us with 15 days from the date it was or reasonably should have been discovered.

Notice: The yield and coverage of the product given in the data sheet is an approximate figure. The actual coverage depends on various factors such as thickness of plaster, wastage, imperfections of the background, and the skill of the applicator. It is the responsibility of users to monitor the coverage of plaster according to the site condition. No claim will be entertained by Trimix on such matters.