

Proplast PP700 Method Statement (Two coat machine applied interior grade lightweight cementitious leveling plaster)

Section A : General Comments

Equipment

It is suggested that the following list of equipment is adopted as a minimum requirement:

<i>Protective clothing</i>	:	<i>Protective overalls</i>
	:	<i>Good quality gloves</i>
<i>Equipment</i>	:	<i>Spray machine</i>
	:	<i>Slow-speed mixer fitted with mixing paddle</i>
	:	<i>Clean empty container</i>
	:	<i>Steel trowel</i>
	:	<i>Aluminum knife</i>
	:	<i>Brush or a hose</i>
	:	<i>Foam rubber trowel</i>

Section B : Application

1.0 Substrate Preparation

1.1 Substrate must be clean and free from oil, grease, dust, and laitance.

2.0 Priming

2.1 Normally no primer is required for the application of **Proplast PP700**, however, areas to be plastered should be soaked with clean water before applying the plaster.

2.2 Where plastering is to be applied over smooth concrete surfaces or highly dense substrates or when it is required to increase the bonding between the plaster and the substrate, two priming methods can be used:

- **Proplast RC100** which is cementitious key coat plasters.
- **Proplast Contact Primer** which is a polymer-modified resin-based primer. **Proplast PP700** should be applied after 24 hours after **Proplast Contact Primer**.

3.0 Mixing

- 3.1 For spray application, adjust the water rate of the spray machine to obtain a wet but thixotropic consistency.
- 3.2 For manual application, to ensure proper mixing, a mechanically powered mixer or drill fitted with a suitable paddle should be used.
- 3.3 11.5 – 12.5 litre of clean water for each 20 kg bag should be added to the clean container.
- 3.4 The powder should be added to the water while mixing continuously with a low-speed mixer/drill.
- 3.5 Ensure that all bag content is properly mixed before application.
- 3.6 2 - 3 minutes is the minimum mixing time. Then let it stand for 5 minutes, stir again and apply.

4.0 Curing

- 4.1 **Proplast PP700** should be sprayed horizontally between the plaster lathes.
Spraying should be continuous for each sector.
- 4.2 **Proplast PP700** left on the plaster lathes should be scraped off using a trowel, to keep the plaster lathes suitable for finishing the surface.
- 4.3 Surface finish is performed using an aluminum knife template moving upwards, and pressing the plaster lathes. Make sure all gaps on wall surfaces are filled.
- 4.4 After the material has initially hardened (about 2 hours), spray water onto the surface with a brush or a hose, then use a foam rubber trowel moving in a circular motion to float the surface.
- 4.5 The interior edges and other parts of the wall should be smoothed using a plastering plane.
- 4.6 If a second layer is required, wait until the first layer has reached the final setting time.

Note: The nature of the surface does not change the form of application, the same method of application is used for all surfaces walls and ceilings.

4.7 Curing

- 4.8 **Proplast PP700** should be cured similarly to the cement base materials. Soak the applied surfaces with water 2 - 3 times a day after setting.

Notes:

- Do not mix with any other products or materials.
- It is not advisable to use the material if substrate or air temperatures are below 5°C or above 35°C.
- Dry and hot surfaces should be wetted before application of **Proplast PP700**.
- Plaster machine and application tools should be cleaned before and after use.
- Avoid application in highly humid environments.
- Avoid application if there is a strong wind at the application site.



5.0 Cleaning

- 5.1 All tools and machinery should be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically.

Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Proplast PP700**. It remains the responsibility of the Engineer to determine the correct method for any given application. Where alternative methods are to be used, these must be submitted to DCP for approval, in writing, prior to commencement of any work. DCP will not accept responsibility or liability for variations to the above method statement under any other condition.