

## Proplast Acrylic Method Statement

### (Ready to use, acrylic based decorative coat for internal and external applications)

#### Section A : General Comments

##### High temperature working

It is suggested that, for temperatures above 35°C, the following guidelines are adopted as good working practice:

- (i) Store materials in a cool environment, avoiding exposure to direct sunlight.
- (ii) Keep equipment cool, arranging shade protection if necessary. It is especially important to keep cool those surfaces of the equipment, which will come into direct contact with the material itself.
- (iii) Try to avoid application during the hottest times of the day, arrange temporary shading as necessary.
- (iv) Make sufficient material, plant and labor available to ensure that application is a continuous process.

##### Equipment

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

<i>Protective clothing</i>	:	<i>Protective overalls Good quality gloves, goggles and face mask</i>
<i>Mixing equipment</i>	:	<i>Mixing bucket Mechanical mixer with mixing paddle</i>
<i>Application equipment</i>	:	<i>Trowel or spray machine Rubber float</i>

#### Section B : Application

##### 1.0 Surface Preparation

- 1.1 Surfaces shall be sound, dry and clean from all contaminants. Surface laitance or any loose and friable material should be removed prior to application.

Notes:

- **Proplast Acrylic system** can be applied on new or old surfaces of pre-cast concrete, normal concrete, normal cement/lime based plaster, aerated concrete, and gypsum plasters.
  - The application of this system is not suitable on plastic and resin paints, varnish and oil-based paints.
- 1.2 Prime the substrate using **Proplast Universal Primer** using a shorthair lamb wool roller or a soft brush at a rate of 5 – 8 m<sup>2</sup> per litre.



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1.3 After priming, at least 24 hours are needed before applying the acrylic plaster.

*Note: **Proplast Universal Primer** should be used as a bonding agent and a balancing pH system between the different substrates and the acrylic plaster. This primer is a waterbased system consisting of styrene copolymer binder. It also helps in the uniformity of colouration of the final coat.*

## 2.0 Application

2.1 Stir **Proplast Acrylic** using a slow speed agitator for three to five minutes.

2.2 Coverage rate and maximum thickness depends on the texture and grain size of the **Proplast Acrylic** grade selected.

2.3 Apply evenly by using a stainless steel trowel.

2.4 Based on the finishing required use a rubber floating trowel in circular motion or horizontally or vertically.

*Note: To overcoat **Proplast Acrylic**, **Repcoat FF** can be used.*

## 3.0 Cleaning

4.1 All tools must be cleaned **immediately** after application with fresh clean water.

## 4.0 Fire

6.1 Proplast Acrylic is nonflammable.

## 5.0 Caution

5.1 Proplast Acrylic should not be swallowed or come in contact with skin and eyes.

5.2 Suitable protective gloves and goggles should be worn.

5.3 In case of accidental skin contact occurs, rinse thoroughly with clean water and soap, and do not use solvent.

5.4 In case of accidental splashes to the eyes, rinse thoroughly with clean water for 10 minutes and seek medical advice.

5.5 In case of swallowing:

5.5.1 Seek medical attention **immediately**, and

5.5.2 Do not induce vomiting.



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### Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Proplast Acrylic**. 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.



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