

NZSP00024 Specialized Construction Products Float Finish

Introduction

Part A
19RX5023-20KG

Approval
Used as part of a BRANZ appraised system

Description and Image

Specialized Construction Product's Float Finish is a blended mix of aggregates, proprietary additives and polymer binders to produce a fine granular concrete texture finish.

Features and Benefits

- Contains fine aggregate
- Polymer modified cement based plaster
- Fibre reinforced
- Smooth granular finish
- Good adhesion to a variety of masonry surfaces
- Good shrinkage control and crack resistance

Uses

Float Finish is an extremely versatile material which is designed as a finish coat for covering a huge range cementitious substrates including, correctly prepared masonry and EIF (Exterior Insulated Finishing) system, precast panels, fibre cement and aerated concrete. Float finish is the perfect choice for a traditional 'solid plaster' style of texture or sand finish.

Float Finish must be finished with a minimum of two coats of 100% acrylic paint or an approved latex exterior paint system in accordance with Specialized Construction Products paint specifications.

Precautions and Limitations

Ensure all surface preparation instruction are followed.

All freshly applied material must be weather protected for a minimum of 24 hours after application. Exposure of applied product to rain, snow, dew, or other inclement weather conditions, direct hard sunlight or sources of heat while it is curing may have a detrimental effect on the finish.

The smooth plaster will not cover up background imperfections, particularly when walls are subject to side lighting at certain times of the day

- DO NOT over-water, over mix, or remix aged Float Finish with additional water.
- DO NOT mix more Float Finish than you can use in 45 minutes.
- DO NOT use Float Finish that has been mixed for more than one hour.
- DO NOT apply Float Finish to wooden surfaces.
- DO NOT apply Float Finish over wet, frozen or frost affected surfaces.
- DO NOT apply Float Finish where it will be subjected to permanent immersion or where ponding will occur.
- DO NOT reactivate Float Finish with water once it has begun to set.
- DO NOT wet the substrate prior to the application of Float Finish.
- DO NOT apply Float Finish unless the substrate has been properly cleaned, primed and prepared

Performance Guide

Weather

Excellent weather resistance when used as part of an approved Specialized Construction Products system.

Heat Resistance
Up to 60°C

Water

Resists rain and condensation when used as part of an approved Specialized Construction Products system.

Solvent
Solvent resistant

Abrasion

Resists abrasion when used as part of an approved Specialized Construction Products system.

Typical Properties

V.O.C. Level
<1 g/L

Full Cure
48 Hours

Clean Up Description
Water - immediately after use.

Application Methods



Trowel

Application Conditions

	Min	Max	Recommended
Wet Film Per Coat (microns)	1000	2000	
Dry Film Per Coat (microns)	1000	2000	
Recoat Time (min/hours)	8 Hours	Indefinite	

Typical Property Notes

Coverage: Approximately 10m2 per 20kg bag. Dependent on application rate.

Curing time of Float Finish will vary due to ambient temperature, relative humidity, surface temperature, surface porosity, application methods, and/or the thickness of the material. Although this plaster contains cement and will not fully cure for 28 days, finish coats can be applied after a minimum drying time of approximately 48 hours at 20°C.

Application Guide

Surface Preparation

The substrate to which the chosen product is to be applied must be installed in strict accordance with the manufacture's specifications and recommended installation procedures. For concrete/masonry substrates the suppliers required curing time must be allowed after installation to ensure the joints in the substrate have completed cured, shrunk, and stabilized. All solid concrete substrates must be fully cured and dry. New concrete must be at least 21 days old prior to the application of any render product.

Surface imperfection such as blowholes, large cracks and spalling must be patched and levelled to the required tolerances and flatness with Specialized render materials before this product is applied. All nibs, protrusions and excess mortar on the surface of the bricks or irregularities in the slab must be ground off prior to rendering.

All surfaces must be clean and free of debris, dirt and dust, efflorescence, grease, oils, curing agents, cleaning solutions, mould and algae or any other contaminants that may affect adhesion. Deeply contaminated substrates must be abraded to provide a clean sound surface. All loose or damaged material must be removed by water blasting, captive shot blasting, or mechanical wire brushing and then washed down before rendering commences.

Painted or glossy surfaces such as power floated concrete must be specially primed, acid etched or mechanically abraded prior to the application of any render.

All cracks that may be the subject to ongoing movement must be correctly repaired and reinforced.

All very porous surfaces should be sealed with an appropriate paint sealer prior to the application of the plaster.

Application Procedure and Equipment

MIXING: Add approximately 5.5 litres of clean water to a clean bucket and then while stirring slowly add the 20kg bag of Float Finish. Float Finish should be mixed with a heavy duty electric drill powering a high shear stirrer at approximately 600 r.p.m. The product should be mixed for a minimum of 2 minutes or long enough to provide a smooth lump-free blend. The consistency should be such that the material holds its shape when a finger is run through the surface. Let the mix stand for 5 minutes and give it a quick re-stir before application and adjust the final consistency.

On a large wall Float Finish should be applied by two or more people to ensure a 'wet edge' is maintained. Float Finish must be applied in two coats (1-2mm per coat) to ensure an even texture is achieved. Start by trowelling on one tight coat of the Float Finish plaster with a large steel trowel using the aggregates in the plaster to establish the thickness. Once the first coat has dried trowel on another coat of the same material (mixed to a slightly thinner consistency) over its surface. As soon as this coat has been laid down flat with the steel trowel begin polishing its surface in a circular motion with a hard plastic float. This will cut the surface of the wall flat. Regularly clean the excess plaster off the plastic float with a broad knife to reduce the potential for swirl marks. If the plastic float is picking too much material or is leaving swirl marks on the surface, this indicates that the plaster has not been laid on tight enough with the steel trowel. Finish with a gentle polish of the surface with the plastic float to minimise any surface marking or surface irregularities. Check the wall from a couple of meters of distance.

Float Finish can either be left as it has been finished with the plastic float or while it is still wet but firm to touch (normally only 5 minutes after application) it can be polished with a damp sponge to close the pores in the texture. Finishing the surface of the walls with a sponge will also remove a small amount of the fines in the plaster giving the wall a grainy look. An Acratex Dulux paint system must be used over the surface of Float Finish to ensure the chosen products weather resistant and to give the desired finish colour to exterior walls.

Apply render only when the temperature is between 5°C and 30°C.

For full system details refer to the Specialized installation guide.

Health and Safety

SDS Number

DLX003962

SDS Link

[View SDS Link](#)

Personal Equipment

Wear safety shoes, overalls, gloves, safety glasses, dust mask.

Using Safety Precautions

For detailed information refer to product label and the current Material Safety Data Sheet available through Specialized Construction Products Sales and Customer Service Offices.

Please refer to SDS Link. In case of emergency, please call 0800 220 770.

Transport and Storage

Pack A
19RX5023

Size:

20kg

Weight:

20kg

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The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

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WHERE LEAD MAY BE PRESENT: The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS/ NZS 4361 Parts 1 and 2 and Worksafe Australia or New Zealand guidelines.