

SPRUCE PLIOTEX

TECHNICAL DATA SHEET

Version 1 – 2017 MARCH

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

A weather resistant, textured matt finish with good dirt shedding

PRODUCT USES

- Ideal as a finishing coat for exterior new or previously painted concrete, cement plaster or fibre cement ceiling boards.

FEATURES AND BENEFITS

- Good exterior durability.
- Good water resistance properties.
- Hides fine plaster imperfections.
- Dries to a textured matt finish.
- Easy water clean-up.

PRODUCT INFORMATION

Appearance	Matt, Lightly textured
Colour	White and a range of ready-mixed colours.
Binder Type	Styrene Acrylic
Density at 23°C	Approx. 1.39
Solids Content	By weight: Approx. 50% By volume: Approx. 30%
Packaged Viscosity	Viscosity at 23°C: Approx. 110 KU
Spreading Rate	5 to 6 m ² per litre depending on surface porosity, profile and application method
Recommended DFT per coat	Min. 50µm. Max. 60µm
Recommended WFT per coat	Min. 170µm. Max. 200µm
Flash Point	Non-flammable

SPRUCE PLIOTEX

APPLICATION INFORMATION

Mixing	Stir until homogenous with a flat paddle.
Application Surface Conditions	Surface Temperature between 10°C - 35°C. Relative Humidity between 10 % - 85 % OR 2°C above dew point minimum
Thinner	Thinning not recommended. Thinning will reduce opacity and crack bridging ability.
Drying Time	Touch dry 1 hour.
Recoating Time	4 hours at 23°C. (Drying times will be extended during cold, wet or humid conditions.)
Cleaning of Equipment	After use, remove as much product as possible, and then clean immediately with water.
Substrates	Suitable for cement plaster, concrete, fibre cement ceiling boards, provided that appropriate preparation and priming is carried out
Application Methods	<p>Ready for use with brush or roller. Spray is not recommended as Spruce Pliotex contains fine marble aggregate.</p> <p>Rolling It is important not to overspread the product. Two coats should be applied allowing at least four hours between coats.</p> <p>Caution: Textured coatings are prone to application restrictions to some degree. Adhere strictly to recommended spreading rate. If the spreading rate is exceeded, the film thickness is reduced. On the other hand, if the paint is under-spread, thicker patches would be visible on flat surfaces. Apply with overlapping V-shaped strokes, i.e. a combination of horizontal, diagonal and vertical strokes. It is also very important to maintain a wet edge during application. N.B. We recommend that a lamb's wool roller be used. The pile on synthetic rollers is longer, making the desired result difficult to achieve.</p> <p>Brushing - For brush application, it is essential to apply the material by laying-on and finishing in an upward direction (brushing may give an uneven finish).</p>
Precautions:	<p>Do not apply during cold (below 10°C) or wet weather.</p> <p>Do not apply directly to bare metal surfaces.</p> <p>Not suitable for direct application to powdery or friable surfaces whether previously painted or not.</p>
Coats Required	Apply two to three finishing coats to new surfaces to achieve a closed film and solid colour.

SPRUCE PLIOTEX

SURFACE PREPARATION

Plaster sand should comply with SABS 1090 requirements. Plaster mix must be applied at a minimum thickness of 10mm, curing to a hard and sound finish, free of soft and friable material. MPA strength must comply with SABS 0164-1 (10MPa=2, 6:1 and 5MPa=4:1). Ensure that surfaces are sound and free from dust, oil, grease, dirt, and debris. Surfaces must be thoroughly dry - no more than 12% moisture content.

NEW SURFACES

Cement Plaster (non-friable) and Fibre Cement Ceiling Boards

- It is recommended that fresh plaster should be allowed one week drying for every 5mm thickness; and longer in cold or damp weather.
- Spot-prime metal strips and nail heads with appropriate metal primer.
- For best paint system performance prime with one full coat **Spruce Plaster Primer**.

Concrete

- Remove any uncured cement, grease, and mould release agents by high-pressure water blast, or wash with a strong solution of **Dulux Pre-Paint Sugar Soap** /water solution. Rinse off thoroughly with clean water and allow drying.
- For best paint system performance prime with one full coat **Spruce Plaster Primer**.

PREVIOUSLY PAINTED SURFACES

Good Condition, not powdery

- Remove any loose and flaking paint back to a sound substrate and firm edges by scraping and sanding.
- Clean surfaces with **Dulux Pre-Paint Sugar Soap** /water solution to remove all surface contaminants and chalky residue, rinse with clean water to remove all traces of the **Dulux Pre-Paint Sugar Soap** treatment and allow drying. For exterior application high pressure water jet cleaning can be used as an alternative to the **Dulux Pre-Paint Sugar Soap** treatment.
- Prime all exposed areas with appropriate primer as for new surfaces.
- Enamel surfaces need to be sanded to a matt finish to aid adhesion before commencing with the **Dulux Pre-Paint Sugar Soap** /water solution treatment. Apply a coat of **Dulux Universal Undercoat**.

SPRUCE PLIOTEX

SURFACE PREPARATION

PREVIOUSLY PAINTED SURFACES

Old Paint in Poor Condition

- Completely remove all loose and flaking paint.
- Remove oil, grease dirt or any other contaminants with **Dulux Pre-Paint Sugar Soap**/water solution and allow drying.
- Friable surfaces must be removed and repaired.
- Chalked surfaces must be thoroughly brushed or prepared with high pressure water cleaning. NOTE: While this product can be used for sealing exterior chalked surfaces, it will not penetrate thick layers of powdery material. **Dulux Bonding Liquid** which is unpigmented, is preferred.
- Mould instructions. To kill lichen and algae growth, scrub with one of the following solutions: either 4:1 water/chlorine, or 4:1 water/sodium hypochlorite. Ensure that the areas are completely saturated, and allow the solution to react for a minimum of 4 hours. Rinse the complete wall surface thoroughly with clean water and allow drying.
- Prime all exposed areas with appropriate primer as for new surfaces.

FILLING

Fill all imperfections with the appropriate **Dulux Pre-Paint** Filler and spot prime filled areas with appropriate **primer** once the crack filler has dried properly. Failure to do this will result in uneven sheen levels between the repaired and normal areas.

GUARANTEE

Dulux offers a 7-year product guarantee on **Spruce Pliotex** (white and standard colours). **Spruce Pliotex** when tinted is not guaranteed, as Dulux does not offer tint bases in the **Spruce Pliotex**. To register your guarantee, simply call the Dulux Technical Helpline within 30 days of purchase, and supply your contact details, the site details, purchase details, batch number and related products used. You will receive a Guarantee Reference Number that you should record and keep in a safe place, together with your purchase slip for future reference. For terms and conditions of the guarantee, please visit www.duluxguarantee.co.za or contact Dulux Technical Helpline on 0860 330 111.

SPRUCE PLIOTEX

HEALTH AND SAFETY INFORMATION

This product contains no added lead. Avoid contact with skin or eyes. Keep out of reach of children. If accidentally swallowed, seek medical advice immediately and show this container to the doctor. Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes.

If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used. Do not empty into drains or watercourses.

Ensure good ventilation during application and drying. It is recommended to use suitable protective clothing and equipment. To avoid the risk of spillage, always store and transport containers in a secure upright position. Refer to Material Safety Data Sheet for complete information.

ADDITIONAL INFORMATION

Packaging	20Lt
Storage Conditions	Store under cool dry conditions away from direct sunlight, heat and extreme cold.
Disclaimers	<p>Colour references are as accurate as printing will allow. Among others, the following factors may affect final colour appearance: product sheen and texture, colour and light reflections, application, surface texture and preparation.</p> <p>For best colour and sheen consistency, it is advisable to use containers of the same batch number, or to mix different batches together in a large container, or to finish in a corner before starting a new container.</p>

TDS STANDARD DISCLAIMER

The recommendations contained herein are given in good faith and meant to guide the specifier or user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Dulux control.

Important Note; Technology may change with time, necessitating changes to this Technical Data Sheet (TDS).

It is the responsibility of the user to ensure that the latest TDS is being used for reference. Dulux Technical Data Sheets are available on our website www.dulux.co.za or please contact: Dulux On-Line on 0860 330 111. Email ZA.Helpline@akzonobel.com

ICI Dulux (Pty) Ltd is part of AkzoNobel. ICI Dulux (Pty) Ltd Reg No.1946/020769/07