

AUAV00116 Dulux Avista Stamped Concrete Powder Release Agent

Introduction

Product Code

- FD700822-10KG - New Bluestone
- FD700823-10KG - Charcoal
- FD700824-10KG - Chocolate
- FD700825-10KG - Coffee
- FD700826-10KG - Light Terracotta
- FD700827-10KG - Jet Black

Product Overview and Image

Avista® Powder Release Agent is used in the stamped impression concrete process to release the stamping mould from the concrete surface. It can also be used as a secondary colourant to create a two toned effect.



Features and Benefits

- Water Resistant
- Create two-toned effect
- Releases stamping mould from concrete surface

Uses

As a release agent of polyurethane moulds from concrete in the Stamping process and to act as a secondary colourant.

Typical Properties

Components

1

Shelf Life

24 months if kept unopened and stored in cool, dry conditions. After this time, product should be checked to ensure its suitability for use (no lumps).

Typical Property Notes

Moisture: less than 3%

Surfactant Resistance: dispersible

Coverage: 10 kg pail covers 60-80 m² (subject to concrete and weather conditions).

Product Properties
Water Water Resistance - Very Good

Application Guide
<p>Application Procedure and Equipment</p> <p>Powdered release agent</p> <ul style="list-style-type: none"> -Fluff up release agent using a mechanical drill and mixer as compacted material can cause 'splash' marks to appear on the concrete surface. -Release agent is best applied by casting, using a long bristled brush immediately in front of area to be stamped. -Do not trowel. <p>Important notes</p> <ul style="list-style-type: none"> -Application should be timed in relation to set of concrete and free surface water. -If too wet, moisture can come through and affect the application and control of the moulds. -Uneven application can lead to wet spots, giving pick up of the Powdered Release Agent on to the moulds. This gives an uneven colour pattern on the finished concrete. -Any Powdered Release Agent sticking to the moulds has to be constantly cleaned to stop build up and severe uneven effects on the concrete. -Moulds left on the same position for too long will cause water bleed. -Excess Powdered Release Agent left adhering to the concrete can cause delamination of the sealer. <p>Removal of the powdered release agent</p> <p>After stamping is complete and the concrete left for approximately 24 hours to harden, it is time to remove the excess Release Agent. It is most important that the excess be removed to help the sealer to adhere to the concrete surface and to minimise colour inconsistencies. After at least 24 hours use a medium bristled broom and/or a hose to remove all excess release agent. A general purpose cleaner should be used. This loose material should be disposed of according to local requirements, and appropriate containment measures used to ensure contaminants do not enter the storm water system.</p> <p>Acid washing the surface</p> <p>Acid washing will aid in removal of excess release agent after initial cleaning and provide a physical key for sealer to bond to.</p> <ul style="list-style-type: none"> -Allow 5 days after stamping before the application of acid to the surface. -Use acid diluted to approximately 30:1 (water:acid) -Apply diluted acid to surface using a large head watering can, applying in a criss cross motion. Immediately broom any excess Release Agent off. -Pressure clean the surface to completely remove all acid solution and neutralise the surface. Ensure acid does not dry on the surface. Dried acid can cause staining and poor sealer adhesion and delamination. -Always do a test patch with the acid to ensure that it does not etch the surface excessively. -Always wear appropriate PPE when using acid. -Washing release agent down storm water drains may damage the environment. -Always use sand bags to dam the catchment area. A slurry pump can then be used to transfer to a suitable discharge point or container. <p>Sealing</p> <ul style="list-style-type: none"> -Avista recommend allowing concrete to cure for minimum 14 days before cleaning and sealing. -Refer to relevant Avista Sealer range Technical Data Sheet

Health and Safety	
<p>SDS Number PAR000377</p>	<p>SDS Link View SDS Link</p>
<p>Please refer to SDS Link. In case of emergency, please call 1800 220 770.</p>	

Precautions and Limitations
<p>Not to be used on a windy day, Dulux Avista Powder Release agent can carry to other neighboring properties.</p> <p>Ensure proper PPE is worn.</p> <p>Ensure wash-off is not left for too long.</p>

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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 4361 Parts 1 and 2 and Worksafe Australia guidelines.