



Technical Data Sheet

Giorgio Graesan POLYFLOOR

Effective from 30 May 2019

Description

Giorgio Graesan Polyfloor is a two component transparent, hydroxylated polyurethane finish. It is non yellowing, matte and as it is catalysed with an odourless aliphatic hardener it can be used indoors. Excellent chemical resistance. It has good durability and is scratch resistant. Oil and stain proof

Uses

Thin protective coating for floors and walls. Suitable for residential homes, offices, public areas, hotels, apartments. Can be used on Kitchen splashbacks and counter tops.

Sealing finish that is applied over the Resin Stucco Microcement product

Colour	Clear thick liquid
Sheen Level	Matte
Coverage Rate	5-6 m2 per Litre per coat
Application Method	Roller/brush
VOC	Very Low <5g/L

Typical Data at 25°C and 50% Relative Humidity

Drying Time - Touch	4-6 hours
Complete Drying Time	48 hours
Application of 2nd coat	12-24 hours
Usual No of Coats	Two coats
Clean Up	Water

Packaging Sizes (A&B) 1 kg, 5kg, 10kg



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Pot Life Once opened and mixed, use within 60 minutes. Unopened - 12 months. Store in a cool, dry and well ventilated place, away from sources of heat and from direct sunlight

Substrate Conditions

Substrate must be installed as per manufacturer's specifications prior to application

Substrate must be clean and free of dust, dirt, oil, salt, mould or any other contamination

Any base coats should be fully cured

For full details on application for each substrate refer to the Giorgio Graesan Specification and System Guide

Mixing

Read Safety Data Sheet for both parts A & B before opening. Pour Part B into Part A. Mix slowly and thoroughly by hand, avoiding incorporating air into the mixture. Ensure the sides of the pot are scraped down to ensure even incorporation. Once thoroughly mixed can be diluted with water (maximum 15% water). Mixing time should not exceed 3 minutes. Product will need to be used immediately after mixing.

Application

Apply Polyfloor with a roller (short nap) and/or brush, ensuring full, even coverage of the surface area approximately 1 mm thick. If surface to be covered has a textured/grainy finish, ensure product is spread evenly and adheres to the textured areas. For corners or other spots hard to reach with a trowel, use a rubber spatula to ensure product fully covers all areas. Touch up to any areas can be made within 24 hours.



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Precautions and Limitations

The product Base A is classified as non hazardous according to the CLP regulation (EC) No 1272/2008 (CLP)

The product Base B is classified as hazardous according to the CLP regulation (EC) No 1272/2008 (CLP). Acute toxicity, category 4. Eye irritation, category 2. Skin irritation, category 2. STOT – single exposure, category 3. Skin sensitization, category 1. Hazardous to aquatic environment, chronic toxicity, category 3. Product contains hexamethylene-diisocyanate polyisocyanate

Use and store the product according to current health and safety regulations. After use, do not dispose of contents to the environment. Let residue dry thoroughly and handle as special waste according to local guidelines. Keep out of the reach of children. If swallowed, seek medical advice immediately. Do not empty into drains, waterways or soil.

Adequate PPE should be used when mixing and applying product

Do not apply if the temperature will fall below 10°C or above 35°C during application.

Do not apply in direct sunlight, wind or rain and protect the finished work until fully cured

Transport and Storage

Store in a cool, dry place

Keep pail sealed when not in use

Disposal

Dispose of in accordance with local council regulations

Safety Data

Refer to Giorgio Graesan Polyfloor SDS



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Giorgio Graesan will not accept responsibility for any misuse of this product or if not applied by a skilled and experienced applicator and in accordance with our technical specifications. Due to our policy of continuing product improvement, Giorgio Graesan Australia reserves the right to change these specifications without further notice. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.