



TECHNICAL DATA SHEET

STRONGBOND BONAFIDE CONCRETE POLYURETHANE - SBCP

Description

Strongbond Bonafide is a Polyurethane Coating system for concrete and other cement-based surfaces. The Coating provides a surface with high mechanical & chemical properties and easy to clean/maintain via the Bona mop system. The coatings high UV resistance makes it ideal for areas exposed to high UV conditions such as floor areas adjacent to windows/ranch sliders. Strongbond Bonafide penetrates well into the substrate, providing excellent adhesion and anti-dusting properties.

Uses

Protective & decorative coating system for internal concrete/cement-based surfaces not subjected vehicle traffic, i.e. living rooms, hallways, kitchens, light commercial, retail etc... subject to heavy duty pedestrian traffic only. Floor renovations new & existing concrete/cement-based surfaces.

Surface Preparation

Ensure that the substrate is slightly rough, dry, solid and free of laitance, grease, dust or other loose particles such as paint, release agents, limescale, mortar, plaster, adhesive residues, curing compounds etc... which may impair adhesion. Remove all traces of varnish, waxes, fats, oils, and similar contaminants prior to mechanical preparation. Prepare substrate with specialist machinery; grinding, milling, or blasting machine depending on the state of the substrate. Vacuum the substrate. Properly treat and seal all joints or gaps in the concrete.

Mixing

Shake the Strongbond Bonafide bottle and add one bottle of Strongbond Bonafide Hardener. Immediately shake the mixture thoroughly for 1 minute and then insert the enclosed filter. If mixing smaller quantities of polyurethane, then pour the required amount of polyurethane into a separate can. 1 litre of polyurethane corresponds to one part of hardener. 2 litres to two parts a.s.o. The mixture of varnish/hardener should be used directly or at least within 4 hours

Application

Apply a minimum of 3 coats, using a Bona Roller. Roll with a smooth, flowing motion, avoiding accumulations of product. Always maintain a “wet edge” to avoid overlaps. For very porous substrates the first coat Polyurethane can be thinned with up to 5% water, to aid absorption. Complete the entire application without stops & breaks. Ensure enough of the Coating is available prior to commencing. Allow to dry properly before applying further layers. Apply subsequent coats in the opposite orientation to the previous coat, to avoid ‘windows’ in the product. Anticipate slightly longer drying time for each layer that is applied.

If necessary, make an intermediate sanding using a screen or the Bona Scrad System grit P150 (or finer) and remove dust before applying a final layer of polyurethane.

If unsure of adhesion, perform a small test area.

Limitations

Do not use Strongbond Bonafide where ambient and/or substrate temperatures are less than 13°C or less than 3°C above dew point. Do not use where ambient or substrate temperatures exceed 30°C or where ambient humidity exceeds 85%. Do not apply to concrete which has been subjected to direct solar heat. If pot life is exceeded the mixed product loses characteristics and should be disposed of. New or existing substrates should be dry, do not apply where moisture levels are more than 75% RH. Protect the finished surface from scratches from furniture legs, furniture/appliances being dragged across the surface.

Maintenance

Clean the floor with Bona Cleaner or Bona Wood Floor Cleaner and a microfibre pad. For maintenance and long-term protection of the surface, floors can be overcoated at intervals with additional coats of polyurethane. The frequency of this operation can be greatly reduced if Bona Freshen Up or Bona Wood Floor Refresher is applied periodically. This will restore the appearance of a dull floor whilst still allowing further coats of varnish to be applied without the need for sanding the floor back to bare concrete.

Detailed maintenance instructions are available at www.bona.com/floorcare

Disclaimer

The information provided is prepared to the best of our current knowledge and makes no claim to be complete. User is responsible for establishing that the product and recommendations herein are fit for the designated purpose, wood type and present situation before use. Look Floors can only guarantee the delivered product. A professional and thereby successful application of the product is beyond our control. If in doubt, make a preliminary test. User is required to read and understand all information contained on package labels and safety data sheets before using this product.

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This data sheet replaces all previous versions