Luxafloor Surface PREPARATION



DIAMOND GRIND

Diamond grinders use horizontally rotating discs to clean, level and smooth the concrete surface. The discs are encrusted with industrial diamonds (hence the name), which abrade the surface. Most diamond grinders have full vacuum extraction that will significantly reduce the level of dust produced by the grinding process

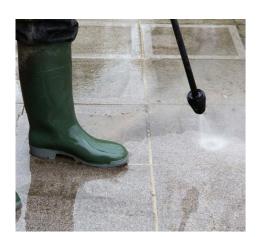
Well-executed diamond grinding completely removes laitance and levels off imperfections on the concrete surface. This method produces a flat, smooth surface with a profile ideal for all coatings applied by roller or applicator.



SHOT BLAST

Shot Blasting is a one-step preparation technique that removes laitance, paint, old coatings, dirt and other contaminants and profiles the concrete surface all at once. Most common shot blasters have full vacuum extraction that will significantly reduce the level of dust produced by the blasting process.

Tiny steel shot is directed at high velocity to the concrete surface. This breaks up and removes the top layer, including loosely bound laitance. The shot bounces back into the system and is recycled while the dust is removed by vacuum. The use of fine shot will produce a concrete profile suitable for nearly all coating types.



ACID ETCH

Acid etching involves the reaction of dilute hydrochloric acid with the concrete surface, then rinsing off with water. The acid dissolves surface laitance and other water-soluble contaminants and lightly etches the surface.

CAUTION! Acid etching does not remove water insoluble solids, oily deposits or curing compounds. It may not remove all laitance.

While the acid must be completely removed, residual acid is difficult to detect. Even when done properly, acid etching is only adequate for light duty floor coatings. Given the risks with this method, DULUX® DOES NOT ENDORSE ACID ETCHING.



RECTIFICATION

Any cracks, small holes and other imperfections in the concrete floor should be cleaned out and filled using Luxepoxy® Filler, a 100% solids,two pack epoxy filler. This filler won't shrink, so it can be tooled off flush with the concrete surface. Ensure the crack is not under filled or over filled, as any unevenness will show through the coating.









The Luxafloor® floor coating range is versatile, user friendly and includes water-borne and solvent-borne epoxies, a clear solution acrylic and polyurethanes offering exceptional application and flow characteristics and exterior durability.

Luxafloor® floor coatings are easy to apply and are equally suitable for new and refurbishment work. The range is particuarly suited for the protection and decoration of concrete floors in plants, factories, warehouses, back of house areas and retail spaces.



Dulux Customer Service Phone 13 23 77

Dulux New Zealand 150 Hutt Park Road Lower Hutt New Zealand

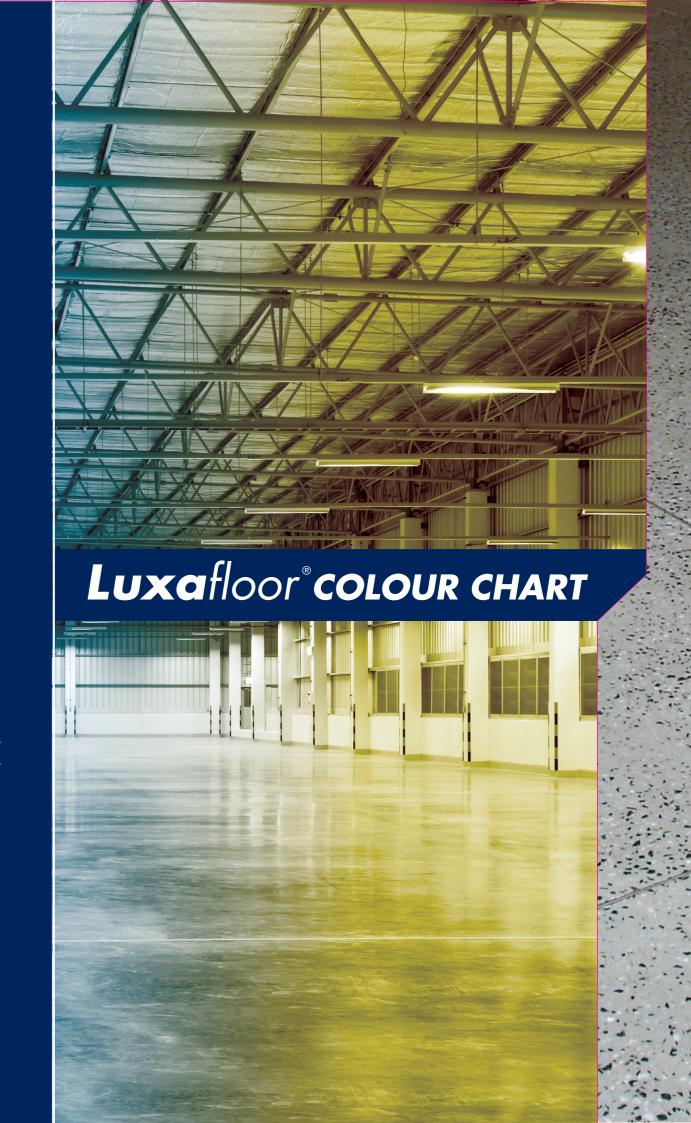
Dulux NZ Customer Service Phone 0800 800 424

For more detailed product and safety information or for your nearest store location please visit our website.

www.duluxprotectivecoatings.com.au

® Dulux, the Squares Device and Luxafloor are registered trade marks of DuluxGroup.

© Colour names denoted with an alpha numeric designation are Standards Australia Ltd copyrighted material that is distributed by SAI Global on Standards Australia Ltd's behalf. It may be reproduced in accordance with the terms of SAI Global Ltd's Licence 1505-c008 to Colour Communications Incorporated Australasia, Limited. All licensed copies of this document must be obtained from the Licensee. Standards Australia Ltd's material is not for resale, reproduction or distribution in whole or part without written permission from SAI Global Ltd: Tel +61 2 8206 6355 or copyright@saiglobal.com



Luxafloor colour chart



The Dulux® Protective Coatings Luxafloor® Colour Chart is a selection of colours available across the entire Luxafloor® floor coating range.

Others, including Dulux World of Colour and AS2700 colours, can be matched with our tintable Luxafloor coatings.

Always check the product data sheet or consult your Dulux Representative before selecting colours, as some Luxafloor® products are tintable, while others are only available in the colours nominated on the product data sheet.

GLOSS INDICATOR



Luxafloor® products vary in gloss level, depending on the resin type and formulation. Please note that this gloss indicator is merely a guide, as the gloss level of your painted floor can vary depending on existing surface profile and porosity, application method and ambient conditions at time of application and drying.

ABOUT COLOUR

All Dulux® Protective Coatings products and colours are lead-free and chromate-free. Some colours containing red and yellow pigments may have lower opacity than their lead-based and chromate-based equivalents, and therefore products containing these colours may require an additional coat or two to achieve full opacity.

Paint may dry darker compared to a wet sample and may appear darker or lighter on larger areas.

Light source (ie incandescent, fluorescent, halogen or natural light) and brightness can also greatly influence colour perception.

Colour variations may occur from product to product, due to several factors, mainly resin type and gloss level differences. The higher the gloss, the darker and more saturated the perceived colour.

Whilst every effort has been made to accurately match the colours represented on this colour chart with the actual product colour, Dulux Protective Coatings advises that there may be colour variation due to differences in the technology used to produce colour chart chips and flooring products.

When using tinted products ensure all containers have been tinted to the correct colour before use. It is recommended that all containers are boxed together before use to ensure colour consistency. It is the Applicator's responsibility to check that the correct colour has been supplied. Dulux assumes no responsibility for application of an incorrect colour.

Luxafloor colours



Luxafloor colours

