

# 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.



CONCRETE FLOOR PROTECTION



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 particularly suited for the protection and decoration of concrete floors in plants, factories, warehouses, back of house areas and retail spaces.

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

[www.duluxprotectivecoatings.com.au](http://www.duluxprotectivecoatings.com.au)

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## Luxafloor® COLOUR CHART



CONCRETE FLOOR PROTECTION

# 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



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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

Ashville	Favoured	Vanessa Mae	Ghosting	Paving Stone	Koala Grey	N45
Silver Thaw	Moxa	Pelaco	Powered Rock	Warm Granite	Rakaia	
Missouri Mud	Excelsior	Tadpole	Oyster Linen	Barnfloor	Organic	
Dieskau	Puppy	Easily Suede	Narrow Neck	Stony Creek	Randall	
Limed White	Pale Earth	Light Leather	Linseed	Buffhide	Army Issue	
Loop Hole	Time Capsule	Deep Clay	Kahlua Milk	Knapsack	Swampy	
Math Pink	Chicory	Lavenbrun	Balsa Stone	Malt Shake	Osso Bucco	
Young Turk	Rosetta	Savin	Camel Cord	Germania	Hay Wain	
Adobe	Signal Red	R13 Venetian Red	Happy	Stella	Vivid Yellow	Y13

# Luxafloor® COLOURS

Terrace White	Miller Mood	Aerobus	Highgate	Madigan	Light Grey	N35
Platinum Class	Bretz	Water Worn	Celtic Sky	Wily William	Blue Grey	N53
Tranquil Retreat	Endless Dusk	Timeless Grey	Grey Pail	Dialogue	Pewter	N63
Spanish Olive	Gamelan	Sepal	Cameo Blue	Illusion Blue	Identity	
Pozieres	Viridis	Knave	Blue Ballerina	Ice Cave	Pinafore Blue	
Coalition	Goyder Green	Jiping	Flight Time	Cottonwool Blue	Bluebell	B41
Clunies	Padded Leaf	Cypress Garden	Pre School	Blue Balm	Light Grey Blue	B44
Silver Drop	Rainford	Lilly Pad	Sky Bus	Adventure Isle	Atlantic Gull	
White Spruce	Club Moss	Jade	Charter	Summer Sky	Harbour Blue	B24