

# LUXAFLOOR FLOOR CARE

## CARE OF LUXAFLOOR<sup>®</sup> FLOORS

Industrial floors are constantly punished by car tyres, traffic and steel wheel trolleys. By virtue of gravity, they also accumulate dirt, spills and abrasive soil particles that damage floor coatings. Frequent cleaning to remove abrasive particles, and quick response to chemical spills will make a huge difference to the life of your floor coatings. Here's a quick guide to care and maintenance of your Luxafloor floor.

### KEEP DIRT OUT!

The presence of abrasive sand particles from garden soil is a significant cause of damage to floor coatings, therefore take the following simple steps to minimise soil ingress into the building and protect your floor:

Set garden beds well back from entry points and keep them neat and tidy to prevent soil and leaves accumulating near entrances.

1. Sweep external areas often.
2. Place large welcome mats inside entrances and vacuum daily.
3. Vacuum and mop lobbies and foyers daily.
4. Regularly vacuum and mop all other areas.

### FLOOR COATING MAINTENANCE

Carry out floor cleaning as often as necessary to ensure the floor coating is free of dirt and spills. The floor coating must be inspected frequently to ensure any maintenance and repairs are carried out without delay, before the concrete is exposed and at risk of attack by chemicals and liquids.

It is the facility manager's responsibility to implement a floor maintenance plan that includes the type(s) of equipment, cleaning methods, cleaning chemicals, training, frequency of cleaning and standards of cleanliness expected, as well as all necessary training.

These general steps should be part of the maintenance schedule:

1. Sweep or vacuum to keep the floor free of any loose debris
2. Remove oily deposits with a propriety floor cleaner, in strict accordance with the manufacturer's instructions and all safety warnings. Use mop and bucket for small areas or an industrial scrubber for larger areas.
3. Clean a test area first to ensure the scrubber will not damage the coating.

Manufacturers offer a range of scrubbing pads for different types of cleaning, from light polishing to heavy abrasive cleaning; for example black – stripping, green – scrubbing, and red & blue – buffing.

Check the manufacturer's literature and perform a check on an inconspicuous area. Record the product code, and if the scrubber is found suitable, ensure this is specified in the maintenance schedule. Likewise, any cleaning chemicals.



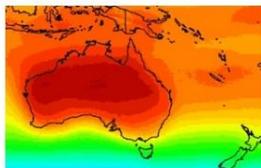
*Restaurants require constant cleaning to prevent slip hazards from greasy spills, even during service.*



*High traffic areas must be kept clean to safety and aesthetic reasons.*



*Many manufacturers colour-code their scrubbers to distinguish different grades.*



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## PAINTING OVER OLD COATED FLOORS

A previously painted concrete floor can be repainted if the existing coating is sound and well adhered, and compatible with the new coating.

To check the adhesion of the existing coating, cut an "X" through the coating (about 3cm x 3cm) to the substrate. Press a length of high quality tape very firmly onto the "X". Pull off the tape at a 45-90° angle in one swift motion.

If the coating comes off, then the existing coating has poor adhesion to the concrete floor, and must be completely removed before recoating. If no paint is removed, then repeat the test on several areas across the floor. Only if the coating is well adhered in all areas may you proceed with coating.

Effective maintenance floor coating systems include:

### SAMPLE MAINTENANCE COATING SYSTEMS

COAT	PRODUCT	DFT (µm)
1 <sup>st</sup> Coat	Luxafloor <sup>®</sup> LGE – Thin by 10 - 15%	100 µm
2 <sup>nd</sup> Coat	Luxafloor <sup>®</sup> LGE	100 µm
1 <sup>st</sup> Coat	Luxafloor <sup>®</sup> LGE – Thin by 10 - 15% While still wet scatter Broadcast Aggregate No. 36 at 50g/m <sup>2</sup>	100 µm
2 <sup>nd</sup> Coat	Luxafloor <sup>®</sup> LGE	100 µm
1 <sup>st</sup> Coat	Luxafloor <sup>®</sup> LGE – Thin by 10 - 15%	100 µm
2 <sup>nd</sup> Coat	Luxafloor <sup>®</sup> LGE	100 µm
3 <sup>rd</sup> Coat	Luxafloor <sup>®</sup> PTX – Mix in Stir-In Aggregate Coarse @ 30g/L	100 µm

A slip rating of R12 can be achieved by the sprinkling of Luxafloor Aggregate Broadcast No. 36 onto the wet second coat according to the Luxafloor Aggregate data sheet.

Please note that the slip resistance of the coating system diminishes as the floor wears, so it is important to regularly retest the slip resistance according to AS 4663 – 2013 "Slip resistance measurement of existing pedestrian surfaces" if a particular slip resistance rating is a mandatory OH&S compliance in your facility.

For other types of maintenance coating systems, please contact Dulux Protective Coatings.



*Adhesion tests clearly show strength of adhesion of the existing coating to the substrate. If there is any doubt, complete removal is the best option.*



*The coarser a floor, the greater the slip resistance, but only if the floor can be kept clean and free of greasy deposits.*



*Recoating a floor maintains safety and asset value.*

*For more information, please contact the Dulux Protective Coatings Technical Consultant in your state.*