

# LUXAFLOOR® AGGREGATE

## Slip Resistant Additive

PC 940

- FEATURES**
- PACKAGED IN PRE-MEASURED UNITS READY FOR USE IN LUXAFLOOR® FLOOR COATINGS
  - THREE GRADES AVAILABLE
  - RANGE OF SLIP RESISTANT FINISHES ACHIEVABLE
  - EASY TO USE WITH STIR-IN OR BROADCAST OPTIONS

**USES** LUXAFLOOR® AGGREGATES are non-toxic non-metallic additives for use with the Dulux® LUXAFLOOR® floor coatings to provide slip resistance. LUXAFLOOR® STIR-IN AGGREGATE FINE imparts a fine slip resistant finish to thin film LUXAFLOOR® products, while LUXAFLOOR® STIR-IN AGGREGATE COARSE and LUXAFLOOR® BROADCAST No. 36 impart slip resistance to higher build LUXAFLOOR® products.

**SPECIFICATIONS** See table titled SLIP RATINGS – AS PER AS 4586: 2013 – Appendices A and D

### TYPICAL PROPERTIES AND APPLICATION DATA

<b>CLASSIFICATION</b>	Slip Resistant Aggregate		<b>SUITABLE SUBSTRATES</b>	Diamond ground or shot blasted concrete
<b>FINISH</b>	Imparts a slip resistant finish to Dulux® Luxafloor® Products		<b>PRIMERS</b>	Refer to Luxafloor® Data Sheet
<b>COLOUR</b>	Not applicable		<b>TOPCOATS</b>	Dulux® Luxafloor® Products
<b>COMPONENTS</b>	One		<b>APPLICATION METHODS</b>	Refer to "APPLICATION" overleaf.
<b>VOLUME SOLIDS</b>	100%			
<b>VOC LEVEL</b>	0 g/L			
<b>MIXING RATIO</b>	Stir-In	30g/Litre		
	Broadcast	Not applicable		
<b>PRODUCT CODE</b>	999-89858	Stir-In FINE		
	999-H0005	Stir-In COARSE		
	999-H0006	Broadcast No. 36		

### TYPICAL SYSTEMS

This is a guide only and not to be used as a specification. Your specific project needs must be discussed with a Dulux Protective Coatings Consultant.

SURFACE	ENVIRONMENT	PREPARATION GUIDE	SYSTEM	DFT (µm)
CONCRETE	Interior	Remove curing agents and other surface contaminants. Diamond grind or shot blast to provide a suitable floor profile. Remove dust.	1 <sup>st</sup> Coat Luxafloor® RollCoat™ While still wet scatter Broadcast Aggregate No. 36 at 50g/m <sup>2</sup>	125 µm
			2 <sup>nd</sup> Coat Luxafloor® RollCoat™	125 µm
			1 <sup>st</sup> Coat Luxafloor® 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® LGE	100 µm
			1 <sup>st</sup> Coat Luxafloor® 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® PTX	100 µm
			1 <sup>st</sup> Coat Luxafloor® RollCoat™	125 µm
			2 <sup>nd</sup> Coat Luxafloor® RollCoat™ Mix in Stir-In Aggregate Coarse @ 30g/L	125 µm
			1 <sup>st</sup> Coat Luxafloor® LGE Thin by 10 - 15%	100 µm
			2 <sup>nd</sup> Coat Luxafloor® LGE Mix in Stir-In Aggregate Coarse @ 30g/L	100 µm
			1 <sup>st</sup> Coat Luxafloor® LGE Thin by 10 - 15%	100 µm
			2 <sup>nd</sup> Coat Luxafloor® LGE	100 µm
			3 <sup>rd</sup> Coat Luxafloor® PTX Mix in Stir-In Aggregate Coarse @ 30g/L	100 µm
			1 <sup>st</sup> Coat Luxafloor® ECO <sub>2</sub> ™	65 µm
2 <sup>nd</sup> Coat Luxafloor® ECO <sub>2</sub> ™ Mix in Stir-In Aggregate Fine @ 30g/L	65 µm			
1 <sup>st</sup> Coat Luxafloor® WB	65 µm			
2 <sup>nd</sup> Coat Luxafloor® WB Mix in Stir-In Aggregate Fine @ 30g/L	65 µm			
1 <sup>st</sup> Coat Luxafloor® CP Gloss	40 µm			
2 <sup>nd</sup> Coat Luxafloor® CP Gloss	40 µm			
3 <sup>rd</sup> Coat Luxafloor® CP Gloss Mix in Stir-In Aggregate Fine @ 30g/L	40 µm			
1 <sup>st</sup> Coat Luxafloor® CP Gloss	40 µm			
2 <sup>nd</sup> Coat Luxafloor® CP Gloss	40 µm			
3 <sup>rd</sup> Coat Luxafloor® CP Low Sheen Mix in Stir-In Aggregate Fine @ 30g/L	35 µm			

**USAGE RATE**  
ASSUMING NO LOSSES

**Scatter Luxafloor® Broadcast Aggregate @ 50 g per square metre**  
OR  
**Mix in Luxafloor® Stir-In Aggregate @ 30g/L**

NOTE: Slip resistance and overall finish will vary depending on such factors as application method, ambient conditions, surface porosity and roughness.

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The table below contains the slip resistance data for products within the Luxafloor® range. The table has the slip test results for **Wet Pendulum** (AS 4586: 2013 Slip resistance classification of new pedestrian surface materials – Appendix A) and **Oil-Wet Inclining Platform** (AS 4586: 2013 Slip resistance classification of new pedestrian surface materials – Appendix D). Extracts from the test reports for each products' test result are readily available from your Dulux® Protective Coatings Representative.

SLIP RATINGS – AS PER AS/NZS 4586 – 2013			
AGGREGATE	SYSTEM	Wet Pendulum (Appendix A)	Oil-Wet Inclining Platform (Appendix D)
NO AGGREGATE	2 Coats Luxafloor® WB	P0	No rating
	1 Coat Luxafloor® LGE + 1 Coat Luxafloor® PTX	P1	R9
LUXAFLOOR® STIR-IN FINE	2 Coats Luxafloor® ECO <sub>2</sub> ™ with Luxafloor® Stir-In Aggregate FINE in final coat @ 30g/L	P4	R11
	2 Coats Luxafloor® ECO <sub>2</sub> ™ CLEAR with Luxafloor® Stir-In Aggregate FINE in final coat @ 30g/L	P4	R11
	2 Coats Luxafloor® WB with Luxafloor® Stir-In Aggregate FINE in final coat @ 30g/L	P4	R11
	2 Coats Luxafloor® WB CLEAR with Luxafloor® Stir-In Aggregate FINE in final coat @ 30g/L	P4	R11
	3 Coats Luxafloor® CP GLOSS with Luxafloor® Stir-In Aggregate FINE in final coat @ 30g/L	P4	R11
	2 Coats Luxafloor® CP GLOSS + 1 Luxafloor® CP LOW SHEEN with Luxafloor® Stir-In Aggregate FINE @ 30g/L	P4	R10
LUXAFLOOR® STIR-IN COARSE	2 Coats Luxafloor® RollCoat™ with Luxafloor® Stir-In Aggregate COARSE in final coat @ 30g/L	P3	R10
	2 Coats Luxafloor® LGE with Luxafloor® Stir-In Aggregate COARSE in final coat @ 30g/L	P3	R10
	1 Coat Luxafloor® LGE + 1 Coat Luxafloor® PTX with Luxafloor® Stir-In Aggregate COARSE @ 30g/L	P4	R10
LUXAFLOOR® BROADCAST NO. 36	2 Coats Luxafloor® RollCoat™ with Luxafloor® Broadcast Aggregate No. 36 between coats at 50g/m <sup>2</sup>	P5	R11
	2 Coats Luxafloor® LGE with Luxafloor® Broadcast Aggregate No. 36 between coats at 50g/m <sup>2</sup>	P5	R12
	1 Coat Luxafloor® LGE + 1 Coat Luxafloor® PTX with Luxafloor® Broadcast Aggregate No. 36 between coats at 50g/m <sup>2</sup>	P5	R12

Please note that the above slip resistance results can only be achieved using Luxafloor® Aggregates with Luxafloor® Flooring Products.

<b>SURFACE PREPARATION</b>	<b>Concrete Floors:</b> Concrete must be at least 28 days old before coating. Remove curing compounds, oil, grease and other oily contaminants with Gamlen CA 1 detergent (according to the manufacturer's written instructions and all safety warnings). Diamond grind, track or light shot-blast concrete floors to remove laitance and to provide a suitable profile. Remove all dust by vacuum cleaning. Fill any large cracks or voids using Luxepoxy® Filler.
<b>MIXING</b>	Mix each can thoroughly using a power mixer until the contents are uniform. Ensure bases have been tinted to the correct colour before use. DULUX® ASSUMES NO RESPONSIBILITY FOR THE APPLICATION OF INCORRECT COLOUR. Mix the contents of both packs together thoroughly with a power mixer and let stand for 10 minutes. Box all containers before use to ensure colour consistency.

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<p><b>APPLICATION</b></p> <p><b>STIR IN AGGREGATE</b></p> <p><b>BROADCAST AGGREGATE</b></p>	<ol style="list-style-type: none"> <li>Once the paint has been correctly mixed and thinned, add the Stir-In Aggregate gradually using a power mixer and continue stirring until the Stir-In Aggregate is uniformly distributed through the paint (typically 5 minutes)</li> <li>Pour mixed material into roller tray and apply as per the relevant Luxafloor® product data sheet</li> <li>Periodically hand-stir the paint in the roller tray and in the paint can to prevent settling of the Stir-In Aggregate</li> </ol> <ol style="list-style-type: none"> <li>Apply the Luxafloor® Product as per the instructions on the relevant data sheet.</li> <li>Whilst the Luxafloor® Product is still wet, scatter the Broadcast Aggregate evenly at a rate of 50g/m<sup>2</sup></li> <li>Lightly back-roll the surface to improve contact of the Broadcast Aggregate with the wet Luxafloor® Product</li> <li>When dry, lightly sweep the surface to remove any loose Broadcast Aggregate</li> <li>Apply the final coat of Luxafloor® coating system apply as per the Luxafloor® product data sheet; do not exceed the recommended spreading rate as this will bury the Aggregate and reduce slip resistance</li> </ol>
<p><b>PRECAUTIONS</b></p> <p><b>CLEAN UP</b></p>	<p>This is an industrial product designed for use by experienced Protective Coating applicators. Where conditions may require variation from the recommendations on this Product Data Sheet contact your nearest Dulux® Consultant for advice prior to painting. Do not apply in conditions outside the parameters stated in this document without the written consent of Dulux® Australia.</p> <p>To meet the specified slip rating it is vital that the Luxafloor® Aggregate is evenly distributed in the finished coating system. Overcoating the applied aggregate with another coating layer will affect the slip rating.</p> <p>For situations requiring greater levels of slip resistance a coarser aggregate should be selected. For further advice on coarser aggregates and methods of application contact your Dulux® Representative. Do not use any other type of aggregate without the written consent of Dulux® Australia.</p> <p>Appearance and performance of the finished coating is dependent on application technique and the characteristics of the specific surface being coated. It is therefore the applicator's responsibility to verify the suitability of the applied coating for the known service requirements. Independent on-site testing of the slip resistance may be required.</p> <p>As with any floor coating system, it is recommended that, before commencing a job, a small area is prepared and the coating applied to establish that the required appearance and performance is achievable.</p> <p>Clean all equipment according to the instructions on the relevant Luxafloor® product data sheet.</p>
<p><b>OVERCOATING</b></p>	<p>Degrease with Gamlen CA 1 according to the manufacturer's written instructions and all safety warnings. Test adhesion of existing coating by standard cross hatch adhesion test. If the coating fails, remove it. Fill any cracks or defects in the concrete with Dulux® Luxepoxy® Filler. Spot prime bare areas with the specified floor coating. Mechanically grind the existing coating to remove any gloss and create a good key for the new coating. Vacuum clean to remove all dust.</p>
<p><b>SAFETY PRECAUTIONS</b></p> <p><b>STORAGE</b></p> <p><b>HANDLING</b></p> <p><b>USING</b></p> <p><b>FLAMMABILITY</b></p> <p><b>WELDING</b></p>	<p><b>Read Data Sheet, SAFETY DATA SHEET and any precautions on container labels. SAFETY DATA SHEET is available from Customer Service (13 23 77) or <a href="http://www.duluxprotectivecoatings.com.au">www.duluxprotectivecoatings.com.au</a></b></p> <p>Keep containers closed at all times. Store Luxafloor® Floor Products as per the relevant Luxafloor® product data sheet.</p> <p>As with any chemical, ingestion, inhalation and prolonged or repeated skin contact should be avoided by good occupational work practice. Eye protection approved to AS1337 should be worn where there is a risk of splashes entering the eyes. Always wash hands before smoking, eating, drinking or using the toilet.</p> <p>Use with good ventilation and avoid inhalation of spray mists and fumes. If risk of inhalation of spray mists exists, wear combined organic vapour/particulate respirator. When spraying, users must comply with their respective State Spray Painting Regulations.</p> <p>This product is combustible. May form flammable mixtures with air. All sources of ignition must be eliminated in, or near the working area. DO NOT SMOKE. Fight fire with water fog (or fine water spray), foam, CO2 or dry chemical powder. On burning will emit toxic fumes including those of oxides of carbon.</p> <p>Avoid inhalation of fumes if welding surfaces coated with this paint. Grind off coating before welding.</p>

COMPANY INFORMATION	PACKAGING, TRANSPORT AND STORAGE
<p>Dulux Protective Coatings a division of</p> <p>DuluxGroup (Australia) Pty Ltd 1956 Dandenong Road, Clayton 3168 A.B.N. 67 000 049 427</p> <p>DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road, Lower Hutt, NZ A.B.N. 55 133 404 118</p>	<p><b>PACKAGING</b> Available in 1 litre cans containing 300grams and 4 litre cans containing 5kg.</p> <p><b>TRANSPORTATION WEIGHT</b> 0.4 kg/litre</p> <p><b>DANGEROUS GOODS</b> Non Dangerous Goods</p>

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