

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 and LUXAFLOOR® STIR-IN AGGREGATE COARSE are ideal for pedestrian traffic. LUXAFLOOR® BROADCAST No. 36 impart slip resistance to higher build LUXAFLOOR® products and is ideal for vehicle traffic and higher wear areas.

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

TYPICAL PROPERTIES AND APPLICATION DATA

CLASSIFICATION	Slip Resistant Aggregate		SUITABLE SUBSTRATES	Diamond ground or shot blasted concrete
FINISH	Imparts a slip resistant finish to Dulux® Luxafloor® Products		PRIMERS	Refer to Luxafloor® Data Sheet
COLOUR	Not applicable		TOPCOATS	Dulux® Luxafloor® Products
COMPONENTS	One		APPLICATION METHODS	Refer to "APPLICATION" overleaf.
VOLUME SOLIDS	100%			
VOC LEVEL	0 g/L			
MIXING RATIO	Stir-In	30g/Litre		
	Broadcast	Not applicable		
PRODUCT CODE	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. Please note Stir in Fine aggregate and Stir in Coarse aggregate are suitable for foot traffic only as surfaces subject to tyres or high abrasion can wear down and slip resistance may be reduced. Broadcast aggregate is recommended for tyres and high abrasion projects.

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 st Coat	Luxafloor® HSG* Thin by 10 - 15%	125 µm
			2 nd Coat	Luxafloor® HSG Mix in Stir-In Aggregate Coarse @ 30g/L	125 µm
			1 st Coat	Luxafloor® LGE Thin by 10 - 15%	125 µm
			2 nd Coat	Luxafloor® LGE	125 µm
			3 rd Coat	Luxafloor® LGE While still wet scatter Broadcast Aggregate No. 36 at 50g/m ²	125 µm
			1 st Coat	Luxafloor® LGE Thin by 10 - 15%	125 µm
			2 nd Coat	Luxafloor® LGE	125 µm
			3 rd Coat	Luxafloor® PTX While still wet scatter Broadcast Aggregate No. 36 at 50g/m ²	100 µm
			1 st Coat	Luxafloor® Express Primer	100 µm
			2 nd Coat	Luxafloor® FCF	75 µm
			3 rd Coat	Luxafloor® FCF While still wet scatter Broadcast Aggregate No. 36 at 50g/m ²	75 µm
			1 st Coat	Luxafloor® LGE Thin by 10 - 15%	100 µm
			2 nd Coat	Luxafloor® LGE Mix in Stir-In Aggregate Coarse @ 30g/L	100 µm
			1 st Coat	Luxafloor® LGE Thin by 10 - 15%	100 µm
			2 nd Coat	Luxafloor® LGE	100 µm
			3 rd Coat	Luxafloor® PTX Mix in Stir-In Aggregate Coarse @ 30g/L	100 µm
			1 st Coat	Luxafloor® ECO ₂ ™	65 µm
			2 nd Coat	Luxafloor® ECO ₂ ™ Mix in Stir-In Aggregate Fine @ 30g/L	65 µm
			1 st Coat	Luxafloor® WB	65 µm
			2 nd Coat	Luxafloor® WB Mix in Stir-In Aggregate Fine @ 30g/L	65 µm
			1 st Coat	Luxafloor® CP Gloss	40 µm
			2 nd Coat	Luxafloor® CP Gloss	40 µm
			3 rd Coat	Luxafloor® CP Gloss Mix in Stir-In Aggregate Fine @ 30g/L	40 µm
			1 st Coat	Luxafloor® CP Gloss	40 µm
			2 nd Coat	Luxafloor® CP Gloss	40 µm
			3 rd Coat	Luxafloor® CP Low Sheen Mix in Stir-In Aggregate Fine @ 30g/L	35 µm

LUXAFLOOR® AGGREGATE

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.

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	ND	ND
	1 Coat Luxafloor® Express Primer + 1 Coat Luxafloor® FCF	P1	R9
	2 Coats Luxafloor® LGE	P2	ND
	2 Coats Luxafloor® ECO ₂ ™	P1	ND
	3 Coats Luxafloor® CP GLOSS	P1	ND
	3 Coats Luxafloor® CP LOW SHEEN	P1	ND
	2 Coats Luxafloor® CFS	P2	ND
	2 Coats Luxafloor® ACS	P1	ND
	1 Coat Luxafloor® LGE + 1 Coat Luxafloor® PTX	P1	R9
	2 Coats Luxafloor® HSG	P1	NC
LUXAFLOOR® STIR-IN FINE (Pedestrian traffic)	2 Coats Luxafloor® ECO ₂ ™ with Luxafloor® Stir-In Aggregate FINE in final coat @ 30g/L	P4	R11
	2 Coats Luxafloor® ECO ₂ ™ 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
	2 Coats Luxafloor® HSG with Luxafloor® Stir-In Aggregate FINE in final coat @ 30g/L	P3	R9
	1 Coat Luxafloor® LGE + 1 Coat Luxafloor® PTX with Luxafloor® Stir-In Aggregate FINE in final coat @ 30g/L	P3	R10
	1 Coat Luxafloor® Express Primer + 1 Coat Luxafloor® FCF with Luxafloor® Stir-In Aggregate FINE in final coat @ 30g/L	P4	R10
	2 Coats Luxafloor® LGE with Luxafloor® Stir-In Aggregate FINE in final coat @ 30g/L	P4	R10

LUXAFLOOR® AGGREGATE

LUXAFLOOR® STIR-IN FINE (Pedestrian traffic)	3 Coats Luxafloor® CP LOW SHEEN with Luxafloor® Stir-In Aggregate FINE in final coat @ 30g/L	P4	R10
	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 (Pedestrian traffic)	2 Coats Luxafloor® HSG with Luxafloor® Stir-In Aggregate COARSE in final coat @ 30g/L	P4	R9
	1 Coat Luxafloor® Express Primer + 1 Coat Luxafloor® FCF with Luxafloor® Stir-In Aggregate COARSE @ 30g/L	P4	R10
	2 Coats Luxafloor® LGE with Luxafloor® Stir-In Aggregate COARSE in final coat @ 30g/L	P4	R10
	1 Coat Luxafloor® LGE + 1 Coat Luxafloor® PTX with Luxafloor® Stir-In Aggregate COARSE @ 30g/L	P4	R10
LUXAFLOOR® BROADCAST NO. 36 (Pedestrian traffic)	2 Coats Luxafloor® ECO ₂ ™ with Luxafloor® Broadcast Aggregate No. 36 between coats at 50g/m ²	P5	ND
LUXAFLOOR® BROADCAST NO. 36 (Vehicle traffic)	2 Coats Luxafloor® HSG with Luxafloor® Broadcast Aggregate No. 36 between coats at 50g/m ²	P5	R10
	2 Coats Luxafloor® HSG with Luxafloor® Broadcast Aggregate No. 36 between coats to rejection	P5	R13
	1 Coat Luxafloor® Express Primer + 1 Coat Luxafloor® FCF with Luxafloor® Broadcast Aggregate No. 36 between coats at 50g/m ²	P5	R13
	3 Coats Luxafloor® WB with Luxafloor® Broadcast Aggregate No. 36 between the first and second coats at 50g/m ²	P5	R13
	3 Coats Luxafloor® CP LOW SHEEN with Luxafloor® Broadcast Aggregate No. 36 between the second and third coats at 50g/m ²	P5	ND
	4 Coats Luxafloor® CP GLOSS with Luxafloor® Broadcast Aggregate No. 36 between the second and third coats at 50g/m ²	P5	ND
	2 Coats Luxafloor® LGE with Luxafloor® Broadcast Aggregate No. 36 between coats at 50g/m ²	P5	R12
	2 Coats Luxafloor® LGE with Luxafloor® Broadcast Aggregate No. 36 between coats to rejection	P5	R12
	1 Coat Luxafloor® LGE + 1 Coat Luxafloor® PTX with Luxafloor® Broadcast Aggregate No. 36 between coats at 50g/m ²	P5	R13
	1 Coat Luxafloor® LGE + 1 Coat Luxafloor® PTX with Luxafloor® Broadcast Aggregate No. 36 between coats to rejection	P5	R13
	3 Coats Luxafloor® LGE with Luxafloor® Broadcast Aggregate No. 36 between the second and third coats at 50g/m ²	P5	R10
	2 Coats Luxafloor® LGE with Luxafloor® Broadcast Aggregate No. 36 between the second and third coats at 50g/m ² + 1 Coat Luxafloor® PTX	P5	R11

* ND = No data available

* NC = No classification

Please note that the above slip resistance results can only be achieved using Luxafloor® Aggregates with Luxafloor® Flooring Products. For Wet Barefoot Inclining Platform and Accelerated Wear Testing results, contact your local Dulux Protective Coatings Representative. For the safety precautions of the products mentioned above, please refer to related SDSs and TDSs.

SURFACE PREPARATION	Refer to the prime coat technical data sheet for recommendations
MIXING	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.

LUXAFLOOR® AGGREGATE

APPLICATION	
STIR IN AGGREGATE	<ol style="list-style-type: none"> 1. 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) 2. Pour mixed material into roller tray and apply as per the relevant Luxafloor® product data sheet 3. Periodically hand-stir the paint in the roller tray and in the paint can to prevent settling of the Stir-In Aggregate
BROADCAST AGGREGATE – Light Broadcast	<ol style="list-style-type: none"> 1. Apply the Luxafloor® Product as per the instructions on the relevant data sheet. 2. Whilst the Luxafloor® Product is still wet, scatter the Broadcast Aggregate evenly at a rate of 50g/m² 3. Lightly back-roll the surface to improve contact of the Broadcast Aggregate with the wet Luxafloor® Product 4. When dry, lightly sweep the surface to remove any loose Broadcast Aggregate 5. 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
Broadcast to Rejection	<ol style="list-style-type: none"> 1. Apply the Luxafloor Product as per instructions on the relevant data sheet. 2. Immediately after the product application, the Broadcast Aggregate is to be broadcast into the liquid until a uniformly dry appearance is obtained. 3. Once the coating has cured, all excess Broadcast Aggregate is to be removed by either vacuum and/or sweeping. 4. Apply a “seal coat” of the specified Luxafloor topcoat over the broadcast floor to lock in the Broadcast Aggregate.
PRECAUTIONS	<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 grade of Broadcast 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>
CLEAN UP	Clean all equipment according to the instructions on the relevant Luxafloor® product data sheet.
SAFETY PRECAUTIONS	Read Data Sheet, SAFETY DATA SHEET and any precautions on container labels. SAFETY DATA SHEET is available from Customer Service (13 23 77) or www.duluxprotectivecoatings.com.au
STORAGE	Keep containers closed at all times. Store Luxafloor® Floor Products as per relevant Luxafloor® product data sheet.
HANDLING	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.
USING	Use with good ventilation and avoid inhalation of mists. If risk of inhalation of mists exists, wear combined organic vapour/particulate respirator.

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

Dulux and Luxafloor are registered trade marks of DuluxGroup (Australia) Pty Ltd.

Any advice, recommendation, information, assistance or service provided by Dulux Australia in relation to goods manufactured by it or their use and application is given in good faith and is believed by Dulux to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by Dulux is provided without liability or responsibility PROVIDED THAT the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon Dulux by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. Products can be expected to perform as indicated in this sheet so long as applications and application procedures are as recommended. Specific advice should be sought from Dulux for application in highly corrosive areas and for large projects to ensure proper performance.