



PRODUCT DATA SHEET


TOUGH AS™

Polyurethane water based sealer
Part A /Part B – Matte / Gloss

PRODUCT DETAILS				
NAME	Tough As - Matte™	SIZE: 1L	BARCODE	9356532010613
NAME	Tough As - Gloss™	SIZE: 1L	BARCODE	9356532010606

PRODUCT OVERVIEW AND USES
<p>Lustre FX® Tough As™ is a water based, polyurethane clear coatings for interior or exterior concrete, plaster and metal finishes. It is applied as a 2 x part (A+B product) and is a UV stable topcoat sealer. Available both in a matte or gloss finish it is for use in in any application where a solvent-based urethane top-coat would be used, where a low odor is more desirable. Once applied to interior or exterior surfaces it dries to a hard, non-yellowing durable film that enhances the colour of the surface without creating a “wet look”. Tough As™ has excellent resistance to impact, abrasion, weathering and resistance to heavy traffic resulting in easier maintenance. Suitable for concrete bench tops, walls and floors and can be used over the Lustre FX™ range of Venetian Plasters, Concrete blends and Metal coatings.</p>

TYPICAL SYSTEM				
Coat	Product	Theoretical Spread rate (m ² /L)	Dry time (mins)	Recoat time (hrs.)
1 st Coat	Tough As™	5-10 m ² / L	30-45	6
2 nd Coat	Touch As™	5-10m ² / L	30-45	

TYPICAL PROPERTIES				
V.O.C LEVEL	<50g/L	CLEAN UP	Water 	
APPLICATION METHOD	Brush, Roller, airless sprayer			
SOLIDS BY VOLUME	44%			
COVERAGE YIELDS	5-10 m ² / L			


APPLICATION + MIXING GUIDE

We advise a small test area, prior to use on the full surface to observe drying time and coverage of the material. For optimal application 15-25°C away from direct sunlight.

Mixing

- Mix only the amount of material that can be used with a 35 minute period at 25°C. Higher temperatures will reduce working time, so in warmer weather mix smaller batches.
- Pot life is 45 minutes.
- **Mixing ratio is 4 : 1 (4 Parts A to 1 Part B)**
- **Premix Part A with a slow speed drill whilst adding Part B, then continue to mix for 3minutes until mixture is fully homogenized. DO NOT MIX BY HAND, unless small quantities where a small mixing paddle can be used.**
- **A satin finish can be achieved by combining Gloss and Matte versions of Tough As™.**
- Mixture can be thinned up to 10% with water to achieve a lower viscosity, but only do this after A+B have been mixed together.
- Pour through a paint strainer after mixing and prior to use.

<p>Surface Preparation</p> <ul style="list-style-type: none"> • Surface must be free of any oil, dirt, waxes and any other contaminants that may interfere with bonding of Tough As™ to the surface. • Previously coated surfaces must be mechanically cleaned and abraded using, 80-100 grit sandpaper to ensure proper adhesion.
<p>Application</p> <ul style="list-style-type: none"> • Apply to the surface by at a rate of 1L / 5-10sqm by brush, roller or an airless sprayer. • Applications heavier than 5sqm/L will create bubbles in the cured coating. • If multiple coats are required, and the material has cured for at least 24 hours, de-gloss with an abrasive pad or fine 100 grit sanding screen • The product is touch dry at 30-45minutes at 25°C or warmer. • Recoat after 6hrs • Product must cure at least 18 hours for light foot traffic. 48-72 hours for heavier traffic, and is fully cured 7 days after application.

TYPICAL PROPERTIES			
V.O.C LEVEL	<50g/L	CLEAN UP	Water 
APPLICATION METHOD	Brush, Roller, airless sprayer		
APPLCIATION CONDITIONS	Solids by volume 44%		
	Recoat Time	6 Hours	
Theoretical Spread Rate(m ²)	Min: 5m ² /L	Max: 10m ² /L	

PRECAUTIONS AND LIMITATIONS
<ul style="list-style-type: none"> • Prior to application ensure that the substrate is dry, clean and free from contaminants such as oil, grease, mould and fungus. • Apply in temperatures between 15-25°C. Higher temperatures reduce working time. Applying in temperatures below 10°C or over 85% relative humidity, will increase drying time and curing rates. • Do not apply in the presence of strong wind, sunlight or when rain is imminent. • Coverage rates will depend on the depth of application and the porosity of the surface material being sealed. • Lustre FX[®] recommends using slip resistance granules in all outdoor applications, or indoor applications where oil or water may cause a slippery environment. • Aluminium oxide granules 80 grit or coarser may be added to the prime coat to achieve the desired slip resistance. • The pot life of he prepared product is 45 minutes, so only mix the amount of material that can be used within this timeframe. • Lustre FX[®] recommends its products are applied by tradespeople with experience in the application of concrete or rendering products, or by artisans that have attended The Alchemy Academy[®] to ensure finishes are similar to samples specified.



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HEALTH AND SAFETY	
SDS(Safety Data Sheet) NUMBER	Matte - LFX0025/ LFX00026 Gloss - LFX0023/ LFX0024
SDS LINK	Go to www.lustrefx.com.au to Download Safety Data Sheet
SAFETY PRECAUTIONS	
Causes skin irritation. Causes serious eye damage. Keep out of reach of children. Read label before use. Avoid breathing vapour. Wear protective clothing, gloves, eye/face protection and suitable dust mask/respirator as required. Wash contaminated clothing before re-use. Wash hands, face and all exposed skin thoroughly after handling. Store in a well-ventilated area away from oxidising agents, acids and foodstuffs. Do not empty into drains.	
HEALTH EFFECTS	IN CASE OF EMERGENCY PLEASE CALL 1800 033 111 if medical advice is needed, have product container or label at hand.
SWALLOWED: If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by mouth to an unconscious patient. Seek medical advice. EYE: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. SKIN: If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Continue flushing with water and if irritation occurs seek medical advice. INHALED: Remove patient from contaminated area. Remove contaminated clothing. Apply artificial respiration if not breathing. Seek medical advice.	
TRANSPORT AND STORAGE	
Store out of direct sunlight in a cool dry area. Tough As™ product should maintain its properties for 24 months if stored from excessive heat and cold temperatures.	
DISPOSAL	DO NOT pour down drains, refer to local regulations for the disposal of water-based waste. Recycle empty containers in accordance with current regulations.

DISCLAIMER

The data provided within this PRODUCT DATA SHEET ("PDS") is correct at the time of publication, however it is the responsibility of the applicator using this information to check that it is current prior to specifying or using any of these coating systems.

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