

# UNI-COLOUR FX700™ TINT PACK

## DESCRIPTION

**Uni-Colour FX700™** Tint Pack is specifically designed to colour designated products within the DCC coating system range, including Epoxy EP200®, Urethane 2Pack®, Polyaspartic PS90®, and Polyurea PU100®. This premium, highly concentrated epoxy and polyurethane tint offers superior colour saturation and exceptional colour fastness, ensuring vibrant, long-lasting results. Powered by advanced technology, Uni-Colour FX700™ Tint Pack requires only 500mL per 10L, compared to generic tints, reducing material usage while ensuring consistent, high-quality colour.

## FEATURES & BENEFITS

- Compatible with multiple coating systems
- Advanced colour-coatings chemistry
- For interior and exterior coating systems
- Excellent coverage
- Long-lasting performance
- Non-flammable
- High quality colour concentration
- Designed for high-performance coatings
- Non-DG for easy shipping
- Fast and efficient mixing
- Easy to use

## RECOMMENDED USE

- Tinting 100% Solids Epoxy Coatings
- Colouring Polyurethane Systems
- Tinting Polyaspartic Floor Coatings
- Colouring Polyurea Systems
- Tinting Concrete Sealers
- Colouring Water-Based Epoxy Coatings
- Tinting Epoxy Primers
- Colouring Water-Based Coatings
- Tinting Top Coats for Various Coatings
- Colouring Solvent-Based Coatings
- For Residential, Commercial & Industrial use

## TECHNICAL DATA & CHARACTERISTICS

APPEARANCE	Viscous Liquid
COLOUR	Various
VOLUME SOLIDS	N/A
FINISH	N/A
COVERAGE <sup>1</sup>	N/A
MIX RATIO	N/A
PACK SIZES	500mL
SPECIFIC GRAVITY	1.30 – 2.50 kg/L
POT LIFE <sup>2</sup>	N/A
DRYING TIME <sup>3</sup>	N/A
RECOAT TIME <sup>3</sup>	N/A
FULL CURE <sup>3</sup>	N/A
SHELF LIFE	12 months, if properly stored in original unopened containers at temperatures between 10°C and 30°C, away from direct sunlight.

<sup>1</sup> Coverage is dependent on porosity of surface, spread rate, and application methods.

<sup>2</sup> The pot life depends on climatic conditions and temperatures.

<sup>3</sup> Drying times generally depend on air circulation, air temperature, humidity, film thickness, substrate temperature, and application methods.

The figures given above and within this technical data sheet are typical with good ventilation, recommended film thickness and single coat application.

**SURFACE PREPARATION**

All surface preparations must be carried out to Australian Standards or International Standards. New concrete must be cured for a minimum of 28 days before coating.

A concrete moisture test should be carried out prior to coating application as per Standard ASTM4263 and/ or International Standards. The moisture content should be less than 4%.

The surface to be treated must be structurally sound and the substrate compressive strength should be at least 25MPa. The substrate tensile strength should be at least 1.5N/mm<sup>2</sup>. All non-structural cracks, holes and surface deformities should be repaired prior to coating.

In general, the surface to be treated **MUST** be clean and free of all traces of loose material, dirt, debris, mildew, oil, grease, old coatings, curing compounds, release agents, laitance, dust, and other contaminants.

All new or old concrete surfaces should be prepared by mechanical grinding, abrasive blasting, blast-tracking, or any other suitable preparation and cleaning methods. Surface profile should exceed CSP 3 after preparation.

Check if all traces of oil and other contaminations has been completely removed prior coating application. You can check that all traces of oil and other contaminants have been completely removed by sprinkling a few drops of water over the surface. If the water hydrates quickly into the substrate, the surface is sufficiently oil and grease-free.

For more detailed information, see following standard codes of practice, guides, and techniques:

ASTM D4258 Standard practice for surface cleaning concrete for coating

ASTM D4259 Practice for abrading concrete

ASTM D4260 Practice for liquid and gelled acid etching of concrete

ASTM D4262 Test method for pH of chemically cleaned or etched concrete surfaces

ASTM D4263 Test method indicating moisture in concrete by the plastic sheet method

ASTM D4285 Test method for indicating oil or water compresses air

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## APPLICATION GUIDELINES

### Mixing & Application - General Information

The technical data sheet **MUST** be read before commencing the project, as well as prior to application and mixing processes. Check colour and gloss level before application. If using more than one tint pack, please box the tint packs together to ensure colour consistency. The applicator/customer is responsible for applying the correct colour.

Stir the Uni-Colour FX700™ Tint Pack well before use to ensure the colour is uniform and pourable. Once stirred, mix the Colour Tint Pack with the desired product. If you are using a two-pack system, mix the tint pack only with Part A. Ensure the entire Uni-Colour FX700™ Colour Tint Pack is fully emptied. Use a mechanical mixer to achieve thorough mixing, avoiding aeration. Mix for at least 2–5 minutes, depending on the viscosity of the product.

Do NOT mix the Uni-Colour FX700™ Tint Pack simultaneously with Part A and Part B in two-pack systems. Always add Part B later, after the Colour Tint Pack has been fully dispersed in Part A and any aeration has dissipated. Always check for compatibility if using with an unspecified product.

Add 500mL Uni-Colour FX700™ Tint Pack per 10L single-pack or two-pack system. Different addition rates may apply depending on the specific products used, substrate conditions, opacity requirements, environmental factors, and application methods. Refer to the table below for more details.

### Tint Pack Addition Guidelines

Batch by Volume	Epoxy WEP50	Epoxy EP200	Polyaspartic PS90	Polyurea PU100	Urethane 2Pack	Durathane SP40	Concrete Sealer AC30	Texture Coat AC90
8L	1x Tint Pack	-	1x Tint Pack	1x Tint Pack	-	-	-	1x Tint Pack
10L	-	1x Tint Pack	-	-	-	-	-	-
20L	-	2x Tint Pack	2x Tint Pack	-	3x Tint Pack	3x Tint Pack	3x Tint Pack	-

### Application

The application process may vary depending on the product used. Always refer to the product specific guidelines for optimal application methods.

### Curing Times

Curing times will differ based on the product used. Please consult the product specific instructions for accurate curing time details.

### Cleaning

Clean all equipment immediately after use with water or solvent, depending on the product used.

### Coating Maintenance

In general dirt, dust, contaminants, and excessive wear and tear will shorten the life of coating. Keep these areas clean and free from such pollutants and avoid excessive wear and tear. Clean coating regular with warm mild detergent water up to 60°C and rinse with clean water. Do not use abrasive brushes, scouring pads or solvent to clean the coated surface. It is advisable if abnormal wear and tear will occur through moving furniture such as office chairs, keep these areas protected with a protective mat. Further to the above cleaning recommendations please ensure immediate cleaning of any spills. Refer to DCC Maintenance & Cleaning Guide for detailed information.

### Compatibility & Suitability

Do NOT mix this product or use this product in combination with any other products or brands. Only products of the same brand and system should be used in combination as a system. Due to the differences in substrates, materials, site conditions and environmental surrounds, the user is responsible for checking the product's compatibility and suitability for its intended purpose prior to application.

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### PRECAUTIONS

For professional use only. Safety Data Sheet (SDS) and Technical Data Sheet (TDS) must be read before using and opening this product. Keep out of reach of children. Always wear personnel protective equipment (PPE) when handling this product. Keep away from heat and flame. No smoking. Provide adequate ventilation. For more details refer to SDS.

Do not apply if the air or surface temperature is below 10°C, or if the temperature is likely to drop below 10°C during applying, or after application, within the curing time, or if relative humidity is expected to become above 85%. Observe dew point.

Surface staining and discolouration may result from exposure to some aggressive chemicals. Staining and discolouration will not affect the performance of the coating.

Do not apply if the substrate is subject to hydrostatic pressure or rising dampness.

Do not apply if the surface temperature is over 30°C, or if the surface temperature is likely to rise above 30°C during application, or after application within the curing time, or if relative humidity is expected to become above 85%.

Do not apply if the substrate is subject to rain or moisture, and protect the surface for at least 24 hours against any water impact or moisture after application and within the curing time. Do not use any product past its pot life. Store in a locked up, cool, dry, well-ventilated place, away from sunlight, between 10°C and 30°C. Keep container tightly closed.

Maintain a continuous wet edge to prevent colour inconsistencies and roll marks. Avoid rolling back into a coat once it has started to tack or set.

Do not apply this product if there is uncertainty about its application or surface preparation.

**DISCLAIMER**

This Technical Data Sheet is to be used as a guide only and is NOT a substitute for a specification. Durable Concrete Coatings Pty Ltd has no control over on-site conditions, application methods, environmental temperatures, the use or storage of this product and does not accept liability in this regard. Any verbal advice provided by staff of Durable Concrete Coatings Pty Ltd should not be treated as authoritative information or instructions for use.

This information may be subject to change without notice to you, all users should ensure they have current information. This product is intended for use by skilled tradesman and where applicable, statutory licensed tradesmen experienced and trained in the use of this product.

Due to differences in substrates, application methods and local conditions purchasers of these products must ensure that it is suitable for their specific application before using these products. The information contained in the technical data sheets, safety data sheets, and technical notes is accurate to the best of our knowledge.

Durable Concrete Coatings Pty Ltd cannot guarantee that the information contained is wholly comprehensive. Subject to the provisions of the Competition and Consumer Act 2010, the company's liability in relation to defective products shall be limited to replacement of the product, if the product is proven to be defective. All Durable Concrete Coatings Pty Ltd terms and conditions apply.