TECHNICAL DATA SHEET

TXT COATING 2K

TINTABLE

IMPORTANT

Before using TXT Coating 2K products read the entirety of this TDS, failing to follow this TDS may lead to poor performance or failure with the coating.

PRODUCTS - TXT Coating – 2K Tintable

DESCRIPTION

TXT Coating 2K is a fast-drying, high-solid polyurethane texture coating ideal for a wide range of applications, including ute trays, trailers, toolboxes, bar work, wheel arches, underbodies, and even entire vehicles. This versatile coating features excellent filling properties and provides outstanding protection against impacts, scratches, abrasion, corrosion, rust, and moisture. Specifically designed to withstand Australia's harsh weather conditions, this coating retains its gloss and outperforms other similar products.

TXT Coating 2K can be applied using an underbody Schultz or conventional spray guns, allowing for various texture results. It is compatible over cured 2K Refinish Grade and 2K Low Baked Enamel Topcoat Systems. This product is suitable for motor vehicle refinishing, commercial vehicles, construction machinery, and agricultural equipment. It can be applied over properly prepared steel, galvanized steel, aluminium (both hard and soft), primed and unprimed fiberglass (including GRP and SMC), cured OEM coatings, polyester putties, and ABS plastics. Note: It is always recommended to test performance before application.

SURFACE PREPARATION

Bare metal, Zinc or galvanized coated steel - abrade with a minimum P80-P120 sandpaper. Clean surface with solvent based wax and grease remover or Car Builders SoPro, ensuring surface is free from dust, grease, oils and contaminants.
TXT Coating 2K can be applied direct to metal or over compatible etch or 2K Epoxy primers. If allowing primer to fully cure, you will need to treat this as a cured painted surface and abrade the primer to ensure maximum adhesion.

Aluminum – Abrade with P240 sandpaper. Clean surface thoroughly with Car Builders SoPro or a 50:50 mix of Methylated Spirits : Water, ensuring surface is free from dust, grease, oils and contaminants. TXT Coating 2K can be applied direct to aluminium or over compatible etch or 2K Epoxy primers.

Plastic - abrade with red scotchbrite or P240 sandpaper. Clean surface with Car Builders SoPro or Isopropanol, ensuring surface is free from dust, grease, oil and contaminants. We recommend using a plastic adhesion promoter before applying TXT 2K coating to ensure best adhesion.

Fiberglass - abrade with a minimum P120-P180 sandpaper. Clean surface with solvent based wax and grease remover or Car Builders SoPro. TXT 2K can be applied direct to Fiberglass surfaces.

Wood – TXT 2K can be applied directly to wood, avoid using liquid solvents to clean, make sure wood is dry and free from dust and contaminants.

Cured Painted Surfaces – Abrade with P120-P180 sandpaper. Clean surface with solvent based wax and grease remover or Car Builders SoPro ensuring surface is free from dust, grease, oil and contaminates.

TINTING

Add Basecoat tinter or activated 2K Colour to TXT Coating 2K Tintable, we recommend up to 10% by volume.
Compatible with 2K Urethane and 2K Acrylic, Direct Gloss or Basecoat tints.

IMPORTANT TXT Coating 2K can **NOT** be mixed with water based, polyester or enamel paints.
Due to the opaque base of TXT 2K Tintable along with the textured nature of the paint, "exact colour" matches are unrealistic to manufacturers top coat finishes.

MIXING

By Volume 4:1 (Part A + 2K colour = 4 parts : Part B = 1 part)
Example 1 = (Part A 720ml + 80ml 2K Base Coat) 800ml total : Part B 200ml
Example 2 = (Part A 720ml + 80ml of activated 2K colour) 800ml total : Part B 200ml

By Weight Part A = 100g (Part A 80g + 20g 2K Base Coat)
Part B = 18.6g

THINNING

TXT 2K can be thinned to achieve a fine texture by using TXT 2K Reducer, we do not recommend exceeding 20% reducer by volume.

POT LIFE

TXT 2K is activated when Part A and B are mixed, take note of the table below for gel times. We suggest users **activate 1 x bottle at a time** to reduce risk of coating gelling before application.

Temperature °C	10°C	20°C	30°C
Time (h)	3hr	2hr	1hr

APPLICATION

DO NOT APPLY BELOW 5°C
DO NOT LEAVE OUTSIDE TO CURE BELOW DEW POINT

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IMPORTANT - Test gun operation and air supply before mixing and attaching spray gun to coating bottle.

1. **Schutz Gun (Underbody suction feed gun) –** Suction feed Underbody Schutz guns are universally designed to screw directly to the TXT Coating bottle. TXT Coating is manufactured at a viscosity ready to apply with a Schutz gun straight out the bottle to achieve a coarse finish, cold climates below 15°C may see paint viscosity increase.

   Air pressure 50-100psi (3.45 –6.9 bar) Higher pressure will give a finer texture, air pressure should be tested before applying to achieve desired result.
   Spray Distance – 20-25cm (8-10inches)
   Application – Spray in an even overlapping pattern, apply a minimum of 2 coats with flash time between coats.
   Coat 1 – Apply even coverage, allowing flash off between coats 25mins @ 25°C (in colder conditions increase time frame between coats)
   Coat 2 – Apply even coverage, If spray pattern is visual on completion of final coat simply increase spray distance to 45-60cm and lightly spray over the surface with 45° passes to sprinkle texture and even out the coating, repeat this until the desired finish is achieved.

   To achieve the below finishes with Car Builders Adjustable Texture Gun
   Coarse Texture – No reducer simply mix Part A and B and spray
   Fine Texture – Add 10% reducer by volume after mixing Part A and B.

2. **HVLP Conventional Spray Gun (suction or gravity feed)** – For larger surfaces where fan adjustability is required or creating a finer texture a conventional spray gun can be used, we recommend using a 2.5mm tip.
   Fine Texture – Add 10% reducer by volume after mixing Part A and B.
   Smooth /Super Fine - Add 20% reducer by volume after mixing Part A and B.

   Spray Distance – 20-25cm (8-10inches)
   Application – Adjust air pressure, paint volume and fan width to achieve desired texture. Spray in an even overlapping pattern, apply a minimum of 2 coats with flash time between coats.
   Coat 1 – Apply even wet coat, allowing flash off between coats 25mins @ 25°C (in colder conditions increase time frame between coats)
   Coat 2 (Fine Texture) – Build desired texture by reducing air pressure and controlling paint volume with needle setting. Even sprinkle texture with multiple drop coats.
   Coat 2 (Smooth) - Apply wet coat in even overlapping pattern. Apply 3rd coat if desired

DRY FILM BUILD (theoretical)

1 x Coat = 100µm, 4.0mils (0.1mm)
2 x Coats = 200µm, 8.0mils (0.2mm)

DRY TIME

Touch dry to handle in 6hrs @25°C
Hard Dry overnight
Force dry at 60°C for 60mins

COVERAGE

One coat, approx. 3.5m2/L
Two coats, approx. 1.75m2/L

CLEAN UP

Clean equipment with solvent based gun wash, acetone or thinners.

STORAGE

Keep in a well-ventilated area at room temperature away from direct sunlight. Shelf life 6 months after being opened

HEALTH AND SAFTEY

Before using Car Builders **TXT 2K** Texture Paint - read and follow all labels including our **TXT 2k Safety Data Sheet (SDS)** precautions. Use a respirator for protection, and other Personal Protective Equipment such as, safety clothing, glasses, and gloves. Use only in a well-ventilated approved spray booth, according to local regulations. This product should not be mixed with other chemicals, If mixed with other components, the mixture will have hazards of all individual components.

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