

Tufdek® Application Instructions

Please read all instructions carefully before application. It is important to apply Tufdek® to the manufacturer's specifications. Failure to do so may result in unnecessary loss or damage to property. Reminder: Tufdek® is a thick coating system and is meant to be applied at a rate much greater than paint. Our instructional DVD is available at your local Tufdek® dealer or by contacting Ducan through our website www.ducan.com, or Ducan customer service at 1-800-943-8226.

TOOLS REQUIRED

- 2 – Tufdek® 10 mil pile rollers (For Step 1 Primer and for Step 3 Colour Coat)
- 1 Texture Coat Applicator (for Step 2 Texture Coat)
- Scissors to cut Polyester Tape
- Extension handle
- Paint tray (optional)
- Sponge
- Bucket (optional)
- Masking tape (optional)
- 3" putty knife
- 9" roller frame
- 3" bristle paint brush
- Drop cloth (optional)

PLEASE NOTE: If you are applying a maintenance coat of **Step 3 Colour Coat** to an existing Tufdek® surface or another existing painted surface, please see the MAINTENANCE section contained in this brochure.

FOR NEW PLYWOOD DECKS: Starting with a clean and dry surface, install the flashing and cantstrip to the deck perimeter.

IMPORTANT: To prevent waffling; install flashing ¼" away from the edge of the plywood. Be sure to butt the flashings. Do not overlap. Polyester tape will be used to add strength to the joint. Use galvanized ring nails and install nails every 6 inches starting from the center of the flashing, working towards the ends.



SURFACE AND JOINT FILLING

QUANTITY: Tufdek® Joint Filler – 1 quart for every 64 square feet

IMPORTANT: Do not substitute with any other filler

A. Vacuum or sweep the entire deck clean, removing sawdust from plywood joints.

B. It is important to fill the transition between the plywood and the flashing and the cantstrip interface. Starting at the perimeter of the deck, use the putty knife to apply **Joint Filler** over the metal flashings and wood surface evenly down the length. Centering the polyester tape over both the plywood and the cantstrip, embed the polyester tape into the filler. Apply a thin coat of **Joint Filler** over the polyester tape making it smooth and even. Wait 2 hours and apply a second coat of **Joint Filler** over the tape if necessary. Be sure to make the transition between the plywood and flashing as smooth and even as possible.



C. Using a putty knife, fill all knot holes, joint areas and screw indentations with **Joint Filler**. Be sure to fill to the top of the plywood and make the smoothest surface possible (The **Joint Filler** can be used as a levelling compound for up to 1/8"). Polyester tape is required for plywood joints. With the putty knife, fill the plywood joints with **Joint Filler** (this will act as a gasket between the plywood sheets). Apply a thin coat of **Joint Filler** evenly over the joint again and while wet, embed the Polyester tape along the length of the seam. (Only do 3 to 4 feet at a time) With one hand hold the Polyester tape in place and spread a thin layer of filler over the tape with the putty knife, scraping off any excess amounts to make it as smooth and even as possible.

Let dry for 1-2 hours. Drying time will vary depending on temperature and surface type.

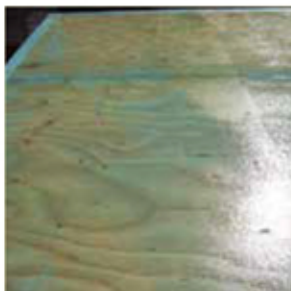
PRIMING THE SURFACE

QUANTITY: Tufdek® Step 1 Primer – 1 gallon for every 150 square feet

A. Brush a generous coat of **Step 1 Primer** on to the plywood joints and onto the flashing and cantstrip. Pour **Step 1 Primer** into a paint tray and saturate the roller. Using the roller, uniformly apply to the entire area.

IMPORTANT: All required **Step 1 Primer** must be applied to completely and evenly coat the surface prior to proceeding to the **Texture Coating**. Reapply **Step 1 Primer** to any areas that look sparsely coated.

Let dry for 1-2 hours. Drying time will vary depending on temperature and surface type.



TEXTURE COATING

We strongly recommend visiting www.ducan.com and viewing the Tufdek video.

QUANTITY: TUFDEK Texture Coat — 1 gallon for every 64 square feet, **per coat**. Mandatory two coats required. Example: A finished 64 square foot area would require two gallons.

PLEASE NOTE: **Step 2 Texture Coat** is a dense coating that is meant to be applied at a rate that is considerably thicker than paint. Product can be thinned with water (no more than 5%) **WHEN TO APPLY:** **Step 2 Texture Coat** **IMPORTANT:** Avoid applying product in direct sunlight, or if the deck surface is too warm to the touch. This will cause premature drying, considerably shortening the working time of the product. On warm days (above 18°C – 68°F) apply in the shade or first thing in the morning or last thing in the day.

A. Thoroughly stir Tufdek **Step 2 Texture Coat** until no sediment remains at the bottom.

IMPORTANT: If you are using more than 1 container of **Step 2 Texture Coat**, it is important to inter-mix the containers to create a consistent coating. When the first container reaches the half-way mark, pour the new container of **Step 2 Texture Coat** into the first container until full. Mix well. Continue to inter-mix each container until finished. Be sure to avoid scraping the drying product that forms on the sides of the container, as working it back into the wet Texture Coat can cause lumping, leading to streaking as it is applied.

B. Fill a clean bucket with water and/or have a wet sponge readily available. Remove the applicator guard and keep the Texture Coat Applicator readily available for smoothing the "cut in" on the perimeter of the deck.

C. With a 3" paint brush, "cut in" the **Texture Coat** at least 6" wide around the perimeter of the deck, as well as, all corners, edges, around railing posts and to the top of the flashing and cantstrip (The vertical face of the flashing does not require **Step 2 Texture Coat**). After brushing on approximately 1 to 2 feet of the "cut in" dip the, hand held, Texture Coat Applicator in the bucket of water and lightly smooth the area.

HELPFUL HINT: To prevent the **Step 2 Texture Coat** from dripping over the edges of the deck, apply masking tape to the front of the flashing. You may also want to protect the areas below the deck by positioning a drop sheet on the ground.



BEFORE YOU BEGIN

WHEN TO APPLY

Joint Filler, Step 1 Primer and Step 3 Colour Coat must be applied when the temperature is between 10°C/50°F to 27°C/80°F

Step 2 Texture Coat *must only be applied* when the temperature is between 10°C/50°F to 25°C/77°F.

Prior to application, the surface should contain no more than 12% moisture.

Ducan Tufdek® is a three step coating system. To guarantee successful results, the Joint Filler, Polyester Tape, the Primer, the Texture and the Colour Coat must be applied as directed and in the required volumes, to a clean, grease free and dry surface. Tufdek® Joint Filler must be used in all screw indentations, plywood joints, knot indentations, general imperfections and cantstrip/flashing interface, to ensure a level surface for the Tufdek® System. Polyester Tape is also required for plywood seams and the flashing/cantstrip interface.

DO NOT APPLY PRODUCTS WHEN:

Rain is in the forecast within 48 hours after application.

The surface is too hot to the touch under direct sunlight.

It is late in the day and the dew point will be reached within 2 to 4 hours (Note: with exception Step 2 Texture Coat can be applied later in the day).

CURING TIMES:

If applied at 10°C/50°F to 21°C/70°F, let cure for at least 72 hours prior to wet weather conditions, with only light traffic or deck furniture on the surface.

If applied at 22°C/72°F to 27°C/80°F, let cure for at least 48 hours prior to wet weather conditions, with only light traffic or deck furniture on the surface.

SURFACE PREPARATION

All surfaces must be dry and clear of moss, loose or flaking material, dirt, oil, and grease prior to applying each step. For other surface preparations please see our Non-plywood application instructions contained in this brochure.

TIME

Allow 1 – 2 hours drying time for each application of the Joint Filler, Step 1, Step 2 and Step 3. Drying time will vary depending on temperature, humidity, air movement and surface type.

Tip: A fan or leaf blower will assist in drying times.

REQUIRED QUANTITY

Refer to the product quantity guide at the back of this brochure to ensure the required Joint Filler, Primer, Texture, and Colour Coat is applied in the right quantities for the size of your deck. Each coating must be applied without dilution or thinning.

Applying too little of the Tufdek® products will result in inadequate performance and will void the manufacturer's warranty.

D. Once the edges have been cut in and smoothed with the **Texture Coat Applicator**, it can be attached to an extension pole.

E. Wet the Texture Coat Applicator with the sponge or directly dip it in the water and starting from the furthest point from the exit, pour a 6 to 8 inch puddle of Step 2 Texture Coat onto the deck (this will cover roughly a 4 to 6 sq. foot area when worked). Using light, consistent pressure with the Texture Coat Applicator, spread the puddle in a fanning motion moving it first left then right, then lower the applicator pole closer to the deck surface to flatten the angle of the applicator blade towards you. Be sure to float over the texture chips as you go to create a consistent pebbled effect. If ridges form, be sure to go over them lightly to create a smooth even surface. Do not overwork the product by trying to spread it farther than it naturally wants to go. Remember to keep light pressure on the applicator. It is important to note that if there is Texture Coat build up on the Applicator blade, to clean it and re-wet the blade as you go. This keeps the blade skimming smoothly over the coating.



Follow this process until the entire deck is coated. Check the spread rate after 1 sheet of plywood. The application should be 1/2 gallon per 32 sq feet. Let first application dry 1-2 hours.

Start 2nd application in a different corner and repeat Step E above.

NOTE: All **Step 2 Texture Coat** required for your deck size must be applied. Reapply to areas that have an uneven texture and/or in high-traffic areas that require added skid-resistant protection.

Let dry for 2 to 4 hours until the **Texture Coat** is dry. Drying time will vary depending on temperature, humidity and surface type.

COLOUR COAT – a medium tint base

QUANTITY: Tufdek® Colour Coat – 1 US gallon for every 150 square feet (see chart)

Before beginning **Step 3 Colour Coat**, be sure the **Step 2 Texture Coat** has completely dried.

A. Thoroughly stir Tufdek® **Step 3 Colour Coat** until no sediments remain at the bottom.

IMPORTANT: If you are using more than 1 container of **Step 3 Colour Coat**, it is important to inter-mix the containers to create a consistent coating. When the first container reaches the half-way mark, pour the new container of **Step 3 Colour Coat** into the first container until it is full. Mix well. Continue to inter-mix each container until finished.

HELPFUL HINT: Thoroughly clean out the 3 gallon pail from the **Step 2 Texture Coat** and use it to inter-mix your **Colour Coat** gallons. You can also use a clean 5 gallon bucket to perform the same task.

B. Generously apply (or "cut") a three inch border of **Step 3 Colour Coat** around the perimeter, corners and edges with a bristle brush. For plywood decks, include the railing posts, the front of the flashing and cantstrip.

C. Once the spot brushing is completed, uniformly apply **Step 3 Colour Coat** to the entire area with the Tufdek® paint roller. Always start at the inner most corner of the surface and move outwards towards the edges. Fill paint tray with **Step 3 Colour Coat**, and load the roller. Then, using only light pressure, roll over one small area at a time (approximately 2'x 3') in one direction only. Repeat until entire surface is covered.

HELPFUL HINT: If desired, a second coat of **Step 3 Colour Coat** may be applied for added durability.

Let dry for 1 – 2 hours or more until the **Step 3 Colour Coat** is dry. Drying time will vary depending on temperature and surface type.

CAUTION CURING TIMES:

If applied at 10°C/50°F to 21°C/70°F – Let cure for at least 72 hours prior to wet weather conditions, with only light traffic or deck furniture on the surface.

If applied at 22°C/72°F to 27°C/80°F, let cure for at least 48 hours prior to wet weather conditions, with only light traffic or deck furniture on the surface.

Allow only light traffic for the first 14 days. For an extra precaution, be sure that your deck furniture has protective caps on the bottom of the legs to prevent indentations or cuts in the coating.

STOCK TINTABLE COLOURS

The colour chip shown below are a close match to what the actual surface colour will be. Ducan will not be held accountable for any variance between the actual deck colour and colour swatches shown in this product brochure.



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