

Traffigard®

Application Instructions

The following Application Instructions are for guide purposes only and must be adapted to suit your conditions. Contact your local Uniroof office if you have any questions.

DO NOT INSTALL TRAFFIGARD® ON ANY DECK THAT CONTAINS AN EXISTING WATERPROOF MEMBRANE. CALL UNIROOF FOR POSSIBLE ALTERNATE INSTALLATION PROCEDURES.

A. BEFORE YOU START:

1. Carefully inspect the area to receive the TRAFFIGARD®. Improper preparation could lead to early failure of the system.
2. Be sure surface is smooth, clean, dry and free of any grease or oil. Sweep well. Pressure wash if necessary. Treat with mildicide if needed. Allow deck to dry before starting installation.
3. Refer to the Uniroof estimating guide to determine quantity of materials needed.
4. Properly store materials. Keep fiberglass mat dry. Store rolls on end. Store TRAFFIGARD® in covered areas not subject to freezing temperatures, direct sun, or excessive heat. Cover pails tightly when not in use.
5. When installing fiberglass remember that the fiberglass must be fully embedded in the TRAFFIGARD® liquid, in full contact with the substrate, and fully wetted. Do not lay fiberglass in any uncoated area or in any area where the coating has dried.

B. SUBSTRATE PREPARATION:

2. Properly prepare all substrates by routing, filling and leveling cracks. Reinforce all cracks and non-moving joints with 2" wide drywall mesh tape.
3. Contact local Uniroof office if concrete substrate has steel troweled finish or has been previously treated with a sealer. Poor adhesion will result if TRAFFIGARD® is applied to such as substrate.
4. Sand all plywood joints to make level. Surface must be clean and dry before application of TRAFFIGARD®. Best substrate is ¾" T & G plywood, grade AC. Minimum acceptable plywood is 5/8" with joints butted tight. Spacer clips are not acceptable. Plywood must be screwed to joists, then countersunk and filled. Staples and nails are not acceptable.
5. All voids and knotholes are to be filled and sanded level. All joints are to be filled, allowed to dry, sanded and reinforced with drywall mesh tape.

1. Insulating concrete substrates must be clean and level with voids filled. An asphalt base sheet must be used over lightweight insulating concrete and may be used over other substrates. Edges of base sheet are to be butted, not lapped. CONTACT UNIROOF OFFICE BEFORE USING THE BASE SHEET METHOD TO DETERMINE TYPE OF BASE SHEET TO BE USED AND ATTACHMENT METHOD.

C. APPLICATION OF TRAFFIGARD® SYSTEM:

1. Prime deck at the rate of 200 s.f. per gallon. Primer for wood decks is FORMWAL 626. For other substrates use TRAFFIGARD® cut with water at the rate of 4 parts of TRAFFIGARD® and 1 part of water. **DO NOT THIN TRAFFIGARD® FOR ANY OTHER USE.** New concrete must be fully cured before applying Traffigard®. If in doubt call your local Uniroof office.
1. Prepare fiberglass in advance by tearing fiberglass from roll in lengths you will be using. Never cut fiberglass. All edges must be frayed (feathered) with loose strands of fiberglass sticking out. Fray any factory straight edges.
2. Install all flashings (see Traffigard® details) and then apply first TRAFFIGARD® coat on deck at the rate of 100 s.f. per gallon using ½" nap roller in an area approximately 5' long by 40" wide. Immediately roll fiberglass mat into wet area and, using a slightly damp roller, embed mat into TRAFFIGARD® so mat is in full contact with substrate and TRAFFIGARD® liquid comes up through mat. Care must be taken to eliminate any wrinkles that may occur. Be certain mat is fully wetted. **Do not lay fiberglass into any uncoated area or into any area where TRAFFIGARD® has dried.** Do not allow strands of fiberglass to stick out over edge of balconies, decks, or roofs.
3. While still wet, apply a second coat of TRAFFIGARD® at the rate of 100 s.f. per gallon. ALLOW SYSTEM TO DRY THOROUGHLY BEFORE PROCEEDING.
4. Adjoining rolls of fiberglass are to be lapped 2" with all edges frayed (feathered) so seams blend and become invisible when system is complete.

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- 6 Flashings may be reinforced at this time with a second layer of fiberglass installed in the same manner as the first (see Traffigard® details).
- 7 **A sand finish must be used in all areas subject to regular pedestrian traffic or where furniture will be placed on the TRAFFIGARD®. Roofing applications do not require a sand finish.**
- 8 For sand finish apply one coat of TRAFFIGARD® at the rate of 80 square feet per gallon and immediately broadcast 30/65-grade sharp silica sand into the wet coat. Apply only small sections of TRAFFIGARD® at a time so the sand is always broadcast into wet TRAFFIGARD®. The sand gradient may be varied to meet individual needs. When applying sand, apply to refusal (surface completely covered). Wait at least 24 hours, or until dry, and then lightly broom off excess sand.
- 9 To get a more uniform sand finish, apply an optional skim coat of TRAFFIGARD® at 300 s.f. per gallon after the sand finish coat has dried.
- 10 After all previous coats have been applied inspect the surface. Cut any loose strands of fiberglass. Then apply a final coat of TRAFFIGARD® at the rate of 80 square feet per gallon.

D. WARRANTY:

Uniroof issues material replacement warranties for projects that are larger than 1,000 square feet and that will not be subjected to physical damage such as caused by furniture being moved on the TRAFFIGARD® surface. Contact your local Uniroof office before the start of work, or before accepting a project, to determine if the project will be warrantable and the conditions of the warranty. THE LIMIT OF THE WARRANTY IS EQUAL TO THE ORIGINAL DOLLAR AMOUNT FOR THE TRAFFIGARD® MATERIAL PURCHASED. SEE WARRANTY FOR COMPLETE TERMS AND CONDITIONS.

E. THINGS TO REMEMBER:

1. Always stop the fiberglass 2” from the edge being coated. Never stop the fiberglass and the TRAFFIGARD® at the same point.
2. TRAFFIGARD® is very slow drying at temperatures below 70 degrees F. Never apply if the temperature is below 50 degrees F, or if rain or freezing temperatures are forecast.
3. If very hot weather is anticipated, start earlier, work in smaller areas, and work faster. Do not lay fiberglass on any area that has dried.
4. Apply a double layer of fiberglass at changes of direction and in heavy traffic areas. Fiberglass should extend up wall or down over fascia at least 2” and coating should extend 2” beyond fiberglass.
5. Be sure all of the topcoat comes from the same color batch. The batch number is on a label on the top and side of the pail.
6. **Never install TRAFFIGARD® on a deck that contains a previously installed waterproof membrane.**
7. Blisters can occur if fiberglass is installed on a dry section of the deck, if the deck was not thoroughly clean, or if moisture existed when the TRAFFIGARD® was installed.
8. Install roof vents as required. Temporarily divert water runoff during installation. Seal pails tightly to save unused TRAFFIGARD® for future use.

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