

DIRECTOR 2 WET REFLECTIVE (D2-WR) CONSTRUCTION GRADE

APPLICATION INSTRUCTIONS

INTRODUCTION

D2-WR removable pavement marking tape provides weather and traffic resistant reflective delineation within construction zones. When the project is complete, D2-WR is designed to be removed from the pavement essentially intact, without the use of heat, solvents, grinding or blasting.

The successful performance of D2-WR pavement markings depends on proper application methods. Before the user applies these products, it is important they read and understand this instruction sheet thoroughly.

If the installer encounters unusual conditions not mentioned in these instructions, it is their responsibility to contact SWARCO for specific instructions. Some of these conditions to be taken seriously are:

- Special surface protective treatments or curing compounds which could cause adhesive failure.
- Marginal weather conditions
- Road surfaces not mentioned in these instructions.
- Alternative application methods

APPLICATION CONDITIONS

Proper surface preparation is essential to obtaining consistent adhesion of the removable tape. The surface must be free of loose or caked dirt, gravel, oily residues, salt residues or other foreign materials which inhibit proper adhesion. The recommended application temperatures are 50°F (10° C) for the air and the roadway surface, with both temperatures rising. The markings are best applied when nighttime temperatures remain above freezing. Do not install on roadways which have had rainfall within 24 hours prior to application.

APPLICATION PROCEDURES

1. Check to ensure proper application conditions exist. This includes temperature and weather conditions.
2. Thoroughly clean the road surface with industrial sweeping or high-pressure air to remove all foreign materials. It's preferable to sweep and then blow the area with high-pressure air. Curing compounds on new concrete surface should be removed.
3. Premark the road surface for proper alignment of tape.
4. Apply tape using a SWARCO tape Applicator. Splice material on all transverse joints and cracks. Use butt splices – do not overlap tape. Do not install over longitudinal joints or cracks.
5. Tamp tape using a SWARCO Tamper Cart with a minimum weight of 200 pounds. Make 3 passes back and forth on each line with tamper cart, taking care to not twist or turn the tamping device on the tape. Additional tamping may be accomplished by driving slowly over tape with a vehicle tire in the direction in which the tape was applied. Make sure all edges are firmly adhered and open roadway to traffic immediately.
6. Early and late season applications may require the use of a primer sealer to ensure adverse application conditions are accounted for. Certain project parameters may also require the use of a primer sealer to ensure proper long-term performance against adverse grueling project conditions. Please consult your Swarco representative for recommendations

Application to raked concrete, rotamill asphalt, popcorn asphalt or chip seal surfaces is not recommended. A smooth surface is essential. Consult a Swarco representative if questionable conditions exist.

REMOVAL

D2-WR can be removed by peeling from the pavement either manually or with a roll up device. Gloves should be worn to prevent injury to hands from the edges of the tape. Markings are best removed by pulling at a 90° angle to the road surface. Using a steady, even pull, D2-WR will come up intact or in large pieces. At temperatures below 40° F (4° C), the tape may be brittle and difficult to remove in large pieces.

APPLICATION CHECKLIST FOR SWARCO PAVEMENT MARKING TAPES

1. Pavement must be completely dry; this includes unseen subsurface moisture.
2. Surface and ambient application temperature must be at least 50 F and rising. Refer to specific product's application instructions.
3. Pavement must be thoroughly cleaned with compressed air or industrial sweeping.
4. When primer is used, keep traffic off primed area until primer has fully cured and tape is installed.
5. Do not apply on longitudinal joints or seams.
6. Splice all horizontal seams, joints, and cracks.
7. Use butt splices - do not overlap tape.
8. Be sure tape is firmly pressed and adhered on pavement surface.
9. Read all health, hazard and precautionary information found in the MSDS sheet provided for all products. Gloves should be worn when handling tape.
10. The use of Swarco Contact Cement is recommended for the installation of all durable Director™ tapes and symbols.

When questionable conditions exist, contact your local SWARCO representative. For any conditions, contact SWARCO. Read and observe all safety precautions listed on product labels, as well as those normally applicable to products of this type as established by user, industry or SWARCO. Call your sales representative or SWARCO if you need more information or technical assistance.