



3M™ Endorsed Advanced Rail Wrap Installer Training with Final Examination

You can expect theoretical content on the application of rail wrap films and intensive practical training using 3M films approved for this specific application in the rail vehicle market. You will gain an insight into the wide range of 3M products for rail digital printing film applications for both indoor and outdoor use, including Knifeless Tape and glass decoration films (for outdoor use), as well as the general framework for project planning in this market segment. Under the guidance of our experienced, certified trainers, you will gain in-depth knowledge of how to handle the materials.

Prerequisites for participation:

- Experience with large-scale installations, particularly working with full material widths
- Experienced, active film applicators in the field of train wrapping (minimum 2 years' experience)
- Employed by an installer or self-employed
- Basic knowledge of film properties and distinctions, application knowledge, and an understanding of the effects of external factors is required

Learning objectives:

- Film technology for train wrapping for interior and exterior use
- Correct preparation and documentation of a train project – preliminary documentation, acceptance report, photos, etc.
- Technical specifications
- Selection and use of the correct film (portfolio)
- Fire safety standard EN 45545
- Use of edge protection
- Project documentation
- Recommended tools
- Proper preparation and cleaning of substrates
- Cutting and preparation
- Flawless bonding without bubbles, inclusions, etc.
- Prevention and assessment of complaints
- Care instructions and cleaning
- Removal of film after the end of its service life

Training participants will receive a certificate of attendance as proof of training.

Training duration:

Start: Day 1, at 12.00

End: Day 4, around 5.00 pm

Training schedule:

Day 1: From midday: theory and practical demonstration by the trainer, followed by practical exercises under expert guidance

Day 2: Practical exercises under expert supervision and introduction to the practical test

Day 3: Practical test

Day 4: Theoretical and practical test

Participants learn both the technical and legal requirements and framework conditions for working with graphic films in the rail sector, as well as all the necessary application techniques on site.

The skills acquired are then tested in standardized practical exercises

and the results assessed. The theoretical foundations are tested in a written examination.

This is followed by an individual feedback session in which the results are discussed, strengths and weaknesses analyzed, and suggestions for improvement provided. This ensures that the necessary methodological competence is in place by the end of the training. Achieving high-quality results requires repeated practice.

Product range covered in the training:

- Scotchgard™ Anti-Graffiti and Scratch-Resistant Laminate 8993
- Scotchgard™ Anti-Graffiti and Scratch-Resistant Laminate 8995-124, matt
- 3M™ Scotchcal™ Opaque Colour Films Series 100
- 3M™ Controltac™ Coloured Film with Comply™ 180mC
- 3M™ Print Wrap Film IJ180mC
- 3M™ Scotchcal Clear View 8150
- 3M™ Scotchcal™ Perforated Window Graphic Film 8173

Please note:

The training is aimed at employees of specialist film processing companies or self-employed individuals.

Maximum number of participants: 4 per training session; the session is guaranteed to run with a minimum of 3 participants.

We ask that you settle the invoice 14 days before the start of the event. All registrations for participants who have not paid by 14 days before the start of the event will be cancelled and the places allocated to others.

Cancellation is free of charge up to 14 days before the start of the event. After that, 100% of the costs will be charged.