ERMONT
FAYAT GROUP

2027 TRAINING CATALOGUE

ERMONT TRAINING CENTER



OUR VALUES

ERMONT is committed to putting its customers first in everything we do.

INNOVATION

Founded over 100 years ago, our company has consistently innovated in the field of hot-mix asphalt plants. Our drive for innovation enables us to meet new challenges and support our customers as they grow.

CUSTOMER SATISFACTION

Customer satisfaction is our top priority. We build long-term partnerships and put our expertise at our customers' service, offering tailored solutions throughout the entire lifecycle of their asphalt plants.

TEAM SPIRIT

As part of a family-owned group, ERMONT is a people-oriented company where teamwork is at the heart of our commitment to customers.

ENVIRONMENT AND SAFETY

We design and manufacture our asphalt plants with the ongoing objective of minimising their environmental impact. The safety of our users and employees remains a daily priority.

CORPORATE SOCIAL RESPONSIBILITY

We are committed to sustainable development and implement processes that integrate social and environmental considerations, while fostering positive relationships with our employees and partners.

INTRODUCTION 02

FOREWORD 04

WHY TRAINING? 06

TRAINING RESOURCES & METHODS 08

OUR TRAINING OFFER 10

TAILOR-MADE TRAINING 12

TRAINING COURSE CATALOGUE 14

◇ Module 1 -
Cold-Mix Production Techniques 14

◇ Module 2 -
Hot-Mix Asphalt Production Techniques 16

◇ Module 3 -
Bitumen Emulsions: Production & Applications 26

◇ Module 5 -
Asphalt Paving: Feeders & Pavers 28

◇ Module 6 -
Compaction: Soils & Asphalt 32

MONITORING & ASSESSMENT PROCEDURES 36

PRACTICAL INFORMATION 38

FOREWORD
2026 - 2027

OUR AMBITION FOR 2027

For over 30 years, the ERMONT Training Centre has supported road industry professionals in developing their technical and operational skills.

In a context of increasing environmental requirements, energy efficiency challenges, equipment digitalisation and higher quality standards on job sites, training is more than ever a key driver of performance, safety and competitiveness

In 2027, the ERMONT Training Centre continues to expand its offering, with the ambition of providing an increasingly comprehensive, practical programme aligned with real-world operational needs. Several new courses have been introduced:

- A new course dedicated to eco-driving and the energy performance of asphalt plants.
- Training dedicated to our new VISION plant control system.
- A comprehensive module covering asphalt paving operations on site, from material feeders to pavers.
- A module dedicated to soil and asphalt compaction techniques.

This development reflects a broader vision: to provide a comprehensive training pathway covering the entire road construction process, from asphalt production at the plant to paving and compaction on site.



Jade THORRON
Training Center Manager

Our ambition is to provide your teams with practical training that can be applied directly in the field, promoting greater autonomy, improved plant operation and continuous performance improvement.

Through this expanded offering, the ERMONT Training Centre is committed to working alongside you to develop your teams' skills over the long term and meet the evolving demands of our industry.

1st European Training Center

Satisfaction rate: 98%* in 2026

Success rate: 100%* in 2026

Recommendation rate: 99%* in 2026

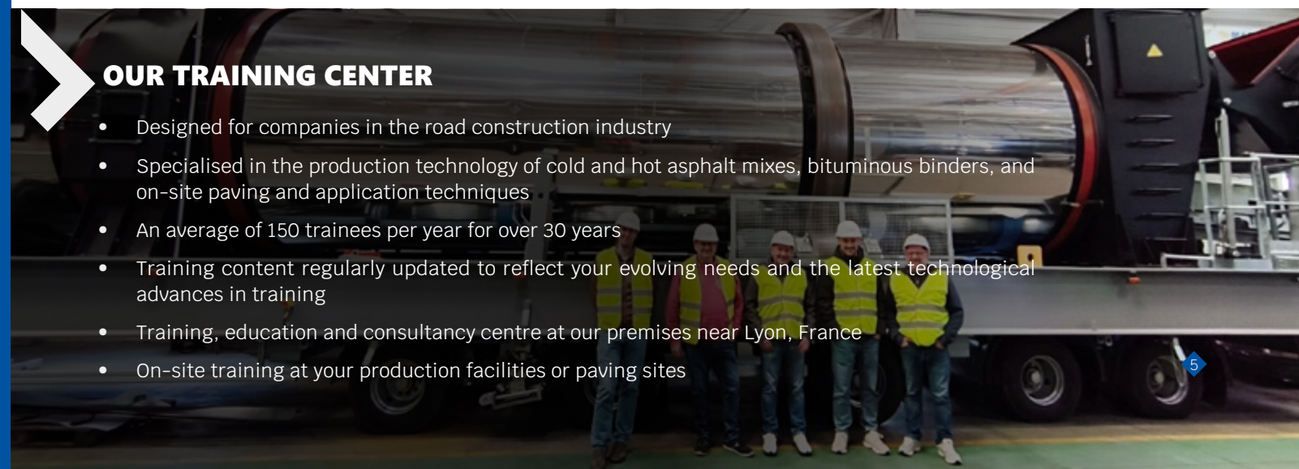
+ 3 500 trainees trained

Qualiopi processus certifié
RÉPUBLIQUE FRANÇAISE

The quality certification was awarded for the following category of activity:
TRAINING ACTIVITIES

*Methodology: satisfaction and recommendation rates are calculated from immediate post-training evaluations; pass rates are based on skills assessed through final multiple-choice tests on Socrative; trainees trained since the centre was established.

OUR TRAINING CENTER



- Designed for companies in the road construction industry
- Specialised in the production technology of cold and hot asphalt mixes, bituminous binders, and on-site paving and application techniques
- An average of 150 trainees per year for over 30 years
- Training content regularly updated to reflect your evolving needs and the latest technological advances in training
- Training, education and consultancy centre at our premises near Lyon, France
- On-site training at your production facilities or paving sites

WHY TRAINING?

THE BENEFITS OF PROFESSIONAL TRAINING

Develop new skills and stay competitive!

Our specialised training courses provide essential technical knowledge to improve performance and contribute to more efficient job sites.

Equipment and installations are constantly evolving in terms of technology, safety and environmental requirements. Our training helps you keep your skills up to date, operate equipment effectively, optimise production and maintain consistent quality.

Our courses cover the entire value chain, from asphalt production at the plant to on-site paving, ensuring continuity between manufacturing, application and the final performance of materials. This comprehensive approach helps your teams better understand the interactions between processes, equipment and site conditions.

Renew and boost your employees' motivation through our practical, hands-on training modules. Well-trained employees gain greater confidence in their role and are better equipped to meet the everyday challenges of their work.

RETURN ON INVESTMENT

Investing in our training courses helps ensure:

- **FASTER TROUBLESHOOTING**
- **IMPROVED EQUIPMENT MAINTENANCE**
- **REDUCED PRODUCTION DOWNTIME**
- **OPTIMISED PRODUCTION AND PAVING OPERATIONS**

THE BENEFITS

Attending an ERMONT, SAE or DYNAPAC training course gives you the opportunity to meet industry professionals, share experiences and expand your network in the asphalt industry.

You will also have the opportunity to visit our facilities and workshops and discover our manufacturing processes and innovations.

TRAINING THROUGHOUT THE LIFECYCLE OF YOUR EQUIPMENT

Training can be provided at every stage of your equipment's lifecycle.

Whether you need training before commissioning a plant, a skills refresher, advanced training, onboarding for new staff or support with on-site operations, we are here to meet your needs.



1. Training

2. STC (Technical Service for Customers)

3. Spare Parts

4. Retrofit

TRAINING RESOURCES AND METHODS

A TEAM OF EXPERTS AND TRAINING EQUIPMENT TAILORED TO EACH COURSE MODULE

Our experienced trainers work with you beforehand to clearly define your needs. They bring many years of experience in asphalt production, road material application and professional training. Their role is to share comprehensive technical expertise covering both plant production and on-site operations.

Our experts combine hands-on activities, theoretical instruction and practical exercises to strengthen proficiency in equipment, processes and professional techniques.

OUR RESOURCES



MODELS

Our training centre has scale models of industrial plants, including 3D-printed models, providing a clear and practical visual representation of equipment and production processes.



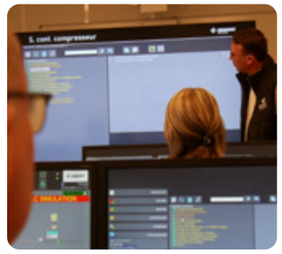
SCALE MODELS

Scale models of industrial plants help trainees better understand how installations operate and illustrate key adjustment and maintenance procedures.



3D APPLICATION

An immersive, interactive application based on digital twins allows trainees to visualise individual components, understand how they work and explore the interactions between asphalt production, paving and compaction.



SIMULATORS

Our simulators allow trainees to familiarise themselves with plant operation, production sequences, settings and the impact of their actions, without disrupting actual operations.

OUR METHODS

Our teaching approach is based on active learning:

- A combination of theory, practical work and hands-on equipment operation
- Practical exercises based on real-world scenarios (production, settings and paving)
- Analysis of situations encountered at asphalt plants or on job sites
- Ongoing interaction between trainers and trainees

Each training course includes:

- An introductory phase
- Structured technical instruction
- Practical exercises adapted to the equipment used (asphalt plant, burner, automation system, paver or compactor)
- A review of key learning points and an assessment (multiple-choice tests and oral discussions)

Trainees are at the heart of the learning process. Trainers build on their participation and experience to reinforce existing knowledge, address gaps and improve working practices.

All training materials provided to trainees during the sessions are protected by copyright and may only be used for strictly personal purposes.

If any participant has a disability (mobility, hearing, etc.), please inform us so that we can assess the necessary adjustments to the training organisation, equipment and teaching methods.

OUR TRAINING OFFER

MODULE 1 - COLD-MIX PRODUCTION TECHNIQUES

MOD1-01	I	Industrial plants for the production of cold-mix asphalt and concrete, and the processing and recovery of materials.
MOD1-SC	I	Tailor-made training (customer site)
MOD1-CF	I	Tailor-made training (training centre)

MODULE 2 - HOT-MIX ASPHALT PRODUCTION TECHNIQUES

MOD2-01	I	Introduction to Asphalt Plant Operation
MOD2-02	I	Introduction to Electrical Systems
MOD2-03	I	Advanced Electrical Training – Lockout/Tagout – Troubleshooting Methodology
MOD2-04	I	Introduction to Preventive Maintenance and Mechanical Troubleshooting
MOD2-05	I	Introduction to Burner and Thermal Oil Heater Technology
NEW **MOD2-06**	I	Eco-Driving and Energy Performance Optimisation
MOD2-07	I	Production Process – SOFTMIX Continuous Automation System
MOD2-08	I	Production Process – SOFTMIX Batch Automation System
NEW **MOD2-09**	I	Production Process – VISION Continuous Automation System
MOD2-SC	I	Tailor-Made Training (Customer Site)
MOD2-CF	I	Tailor-Made Training (Training Centre)

MODULE 3 - BITUMEN EMULSIONS: PRODUCTION & APPLICATIONS

MOD3-01	I	Bitumen Emulsions: Production Principles and Road Applications
MOD3-SC	I	Tailor-Made Training (Customer Site)
MOD3-CF	I	Tailor-Made Training (Training Centre)

NEW MODULE 5 – ASPHALT PAVING: FEEDERS & PAVERS

MOD5-01	I	Basic Asphalt Paving Techniques Using a Feeder and Paver
MOD5-02	I	Getting Started, Operation and Settings of DYNAPAC Feeders and Pavers
MOD5-03	I	Technology, Maintenance and Diagnostics of DYNAPAC Feeders and Pavers
MOD5-SC	I	Tailor-Made Training (Customer Site)
MOD5-CF	I	Tailor-Made Training (Training Centre)

NEW MODULE 6 – COMPACTION: SOILS & ASPHALT

MOD6-01	I	Basic Compaction Techniques and Classification of Compaction Equipment for Soils and Asphalt
MOD6-02	I	Getting Started, Operation and Maintenance of a Roller
MOD6-03	I	Roller Technology, Maintenance and Diagnostics
MOD6-SC	I	Tailor-Made Training (Customer Site)
MOD6-CF	I	Tailor-Made Training (Training Centre)

TAILOR-MADE TRAINING

TRAINING TAILORED TO YOUR OPERATIONAL NEEDS

Our tailor-made training courses allow us to adapt each programme to your teams' needs, your equipment specifications and your operational challenges. Available across all catalogue topics, they can be delivered at your operating site, on your job site or at one of our training centres.

NEEDS ANALYSIS

Before setting up the training, we carry out a thorough assessment of your requirements:

- Definition of needs & operational objectives
- Assessment of participants' profiles & skills
- Identification of topics to be covered
- Consideration of your constraints: availability, organisation, commissioning of new equipment, retrofitting, etc.

TRAINING DELIVERY

Our trainers deliver training:

- In real operating conditions on your equipment
- In a structured training environment using simulators, scale models, workshop facilities, automation systems and technical training platforms

Our courses combine theory, practical exercises, demonstrations, real-life scenarios and supervised hands-on activities.

CO-DEVELOPING TRAINING COURSE

We develop a customised programme covering topics such as:

- Production (cold-mix asphalt, hot-mix asphalt and bitumen emulsions)
- Maintenance (electrical, mechanical and automation systems)
- Process settings and optimisation
- Eco-driving and energy performance
- Asphalt paving operations
- Any specific topic relevant to your needs

This stage includes:

- Selection of the training location
- Creation or adaptation of training materials

The customised proposal and training programme are generally prepared within 5 to 10 working days of receiving the required information.

TAILOR-MADE TRAINING IN THE CATALOGUE

Each module includes two course references to formalise your request:

- MODX-SC – Tailor-Made Training (Customer Site)
- MODX-CF – Tailor-Made Training (Training Centre)

This ensures a clear, structured proposal tailored to your equipment and objectives.

TECHNICAL ASSESSMENT & TAILOR-MADE TRAINING: A WINNING COMBINATION

In addition to our training courses, we offer technical assessments of your asphalt plants. Conducted directly on site, these assessments evaluate the condition of the plant's main components and identify priority actions to improve equipment reliability, performance and safety.

The assessment includes practical recommendations covering maintenance, spare parts, settings and training. It also provides an ideal basis for developing targeted, tailor-made training directly linked to the findings on site.

Objective: to sustainably improve the performance of your production equipment and develop your teams' skills.

COLD-MIX PRODUCTION TECHNIQUES

Module 1



MOD1-01

Industrial Plants for the Production of Cold-Mix Asphalt and Concrete, and the Processing and Recovery of Materials

OBJECTIVES

- Understand the general operation of a cold-mix material processing plant.
- Acquire the essential techniques for producing cold-mixed materials (continuous-mix concrete, bitumen emulsion-treated aggregates and treated aggregates).
- Master settings, production parameters and quality control methods.
- Identify key safety and plant maintenance considerations.

TOPICS

- Overview of the main types of cold-mix plants
- Manufacturing technology and processes
- Mixing techniques: bitumen emulsion-treated aggregates, treated aggregates and cold-mix asphalt
- Automation systems and associated equipment
- Control methods and good manufacturing practices
- Plant safety and maintenance
- Standards, regulations and specific job site requirements

PREREQUISITES

- None

LOCATION

- SAE company site (see directions on p. 39)

AUDIENCE

- Operators
- Plant Managers
- Shift Supervisors
- Maintenance Technicians
- Equipment Managers
- Industrial Operations Managers
- Laboratory Personnel

DURATION

3 DAYS (21 H)

Monday 2:00 pm to Thursday 12:00 pm

SESSIONS:

18 - 21/01/2027

08 - 11/02/2027

PRICES

€2,400 / person

Discounted rate for 2 or more participants attending the same session: €2,000 / person

RELATED TAILOR-MADE TRAINING COURSES

MOD1-SC – Tailor-Made Training (Customer Site)

Customised training delivered directly at your plant. The programme is tailored to:

- Your equipment (plants, processes and configurations)
- Your specific production parameters
- Your settings, control methods and on-site practices
- Site-specific issues and challenges

MOD1-CF – Tailor-Made Training (Training Centre)

- Customised training delivered at our facilities in Saint-Benoît-la-Forêt.
- Explore processes and settings in a training environment, use simulators and delve deeper into specific topics without disrupting plant operations.

HOT-MIX ASPHALT PRODUCTION TECHNIQUES

Module 2



MOD2-01

Introduction to Asphalt Plant Operation

OBJECTIVES

- Understand the general operation of continuous and batch asphalt plants.
- Master the principles of asphalt production and the use of associated equipment.
- Identify key aspects of safety, lockout/tagout and production preparation.
- Apply essential checks to ensure the quality of the finished product.

TOPICS

- Definition of asphalt mixes and their constituents
- Overview of asphalt plant types: continuous and batch
- General operation of asphalt plants
- Asphalt plant safety and lockout/tagout procedures
- Standards and regulations
- Bitumen storage facilities
- Production preparation
- Principles of constituent calibration
- Quality control methods available to operators
- Burner technology
- Impact of malfunctions on product quality
- Overview of energy efficiency principles for asphalt plants

PREREQUISITES

- None

LOCATION

- Ermont company site (see directions on p. 39)

AUDIENCE

- Shift Supervisors
- Operators
- Maintenance Technicians
- Equipment Managers
- Industrial Operations Managers
- Laboratory Personnel

DURATION

4 DAYS (28 H)

Monday 2:00 pm to Friday 12:00 pm

SESSIONS:

04 - 08/01/2027

1ST - 05/02/2027

1ST - 05/03/2027

22 - 26/03/2027

PRICES

€2,900 / person

Discounted rate for 2 or more participants attending the same session: €2,350 / person

RELATED TAILOR-MADE TRAINING COURSES

MOD2-SC – Tailor-Made Training (Customer Site)

Customised training delivered directly at your plant. The programme is tailored to:

- The equipment installed on site
- Your production practices
- The challenges encountered (quality deviations, settings, safety)
- Your operational objectives
- Your production optimisation needs

MOD2-CF – Tailor-Made Training (Training Centre)

- Customised training delivered at our facilities in Lorette.
- Provides an opportunity to explore specific topics in greater depth, work with scale models, diagrams, training burners and simulators, and learn in a safe environment without disrupting plant operations.

MOD2-02

Introduction to Electrical Systems.

OBJECTIVES

- Acquire the fundamental electrical knowledge required to work safely in an asphalt plant environment.
- Understand electrical components and how they operate in an industrial installation.
- Learn to read, use and interpret electrical diagrams.
- Be able to carry out basic wiring tasks and use the main electrical measuring instruments.

TOPICS

- Electrical fundamentals: definitions, electrical quantities, circuits, receiver configurations and control circuits
- Electromechanical equipment: push buttons, switches, relays, contactors, disconnectors, fuses, protective devices, timers and transformers
- Reading and understanding electrical diagrams (symbols, ERMONT drawings)
- Three-phase motors: principles, operation and connections
- Introduction to automation: PLC architecture
- Basic wiring
- Measuring instruments: overview and use
- Lockout/tagout and safety in an asphalt plant environment

PREREQUISITES

- None

LOCATION

- Ermont company site (see directions on p. 39)

AUDIENCE

- Shift Supervisors
- Operators
- Maintenance Technicians
- Equipment Managers
- Industrial Operations Managers
- Plant Equipment Operators

DURATION

4 DAYS (28 H)

Monday 2:00 pm to Friday 12:00 pm

SESSIONS:

11 - 15/01/2027

08 - 12/02/2027

08 - 12/03/2027

PRICES

€2,900 / person

Discounted rate for 2 or more participants attending the same session: €2,350 / person

MOD2-03

Advanced Electrical Training – Lockout/Tagout – Troubleshooting Methodology.

OBJECTIVES

- Develop the diagnostic and troubleshooting skills required for an asphalt plant.
- Strengthen understanding of electrical components, including sensors, variable frequency drives, protective devices, converters and controllers.
- Apply electrical lockout/tagout and safety procedures.
- Be able to identify electrical components within each equipment subsystem.

TOPICS

- In-depth study of electrical diagrams
- Sensor, converter and controller settings
- Variable frequency drive configuration and temperature control
- Electrical lockout/tagout: procedures and safety
- PROFINET technology
- Identification of electrical components by equipment subsystem
- Troubleshooting methodology

PREREQUISITES

- Electrical Authorisation: BR, BE, B2V or BC

LOCATION

- Ermont company site (see directions on p. 39)

AUDIENCE

- Shift Supervisors
- Operators
- Maintenance Technicians
- Equipment Managers
- Industrial Operations Managers
- Electrical Maintenance Personnel

DURATION

4 DAYS (28 H)

Monday 2:00 pm to Friday 12:00 pm

SESSIONS:

18 - 22/01/2027

22 - 26/02/2027

15 - 19/03/2027

PRICES

€2,900 / person

Discounted rate for 2 or more participants attending the same session: €2,350 / person

MOD2-04

Introduction to Preventive Maintenance and Mechanical Troubleshooting.

OBJECTIVES

- Understand the main mechanical subsystems of continuous and batch asphalt plants.
- Acquire essential preventive maintenance techniques for mechanical and electromechanical components.
- Master key settings and adjustments to ensure equipment reliability.
- Identify common mechanical faults and apply initial troubleshooting procedures.

TOPICS

- Overview of mechanical subsystems in continuous and batch asphalt plants
- Overview and maintenance of mechanical and electromechanical components
- Identification of preventive maintenance tasks to be carried out
- Lockout/tagout and safety procedures for asphalt plants
- Equipment adjustment and setting procedures: drum, bag filter, weighing table, gravimetric feeder, drag-chain conveyor, belt conveyors and drive chains
- Adjustment procedures for a SKIP assembly: skip types, operating environment and safety
- Maintenance schedule

PREREQUISITES

- None

LOCATION

- Ermont company site (see directions on p. 39)

AUDIENCE

- Shift Supervisors
- Operators
- Maintenance Technicians
- Equipment Managers
- Industrial Operations Managers

DURATION

4 DAYS (28 H)

Monday 2:00 pm to Friday 12:00 pm

SESSIONS:

11 - 15/01/2027

25 - 29/01/2027

08 - 12/02/2027

08 - 12/03/2027

PRICES

€2,900 / person

Discounted rate for 2 or more participants attending the same session: €2,350 / person

MOD2-05

Introduction to Burner and Thermal Oil Heater Technology.

OBJECTIVES

- Understand the combustion process and the general operation of industrial burners (natural gas, heavy fuel oil and domestic fuel oil) used in asphalt plants.
- Identify the components of fuel circuits and thermal oil heaters.
- Acquire the fundamentals of burner adjustment, monitoring and combustion analysis.
- Apply safety and lockout/tagout procedures when working on burners.

TOPICS

- Combustion process
- Burner technology (natural gas, heavy fuel oil and domestic fuel oil) and thermal oil heaters
- Components of a thermal oil heater fuel circuit
- Drum burners: operation and settings
- Plant lockout/tagout and safety procedures
- Components of a drum burner circuit (fuel or gas)
- Automation systems
- Combustion monitoring and analysis: methods and tools
- Pollutants and emission standards

PREREQUISITES

- None

LOCATION

- Ermont company site (see directions on p. 39)

AUDIENCE

- Shift Supervisors
- Operators
- Maintenance Technicians
- Equipment Managers
- Industrial Operations Managers

DURATION

3 DAYS (21 H)

Monday 2:00 pm to Thursday 12:00 pm

SESSIONS:

18 - 21/01/2027

22 - 25/02/2027

15 - 18/03/2027

PRICES

€2,400 / person

Discounted rate for 2 or more participants attending the same session: €2,000 / person

MOD2-06

Eco-Driving and Energy Performance Optimisation.

NEW

OBJECTIVES

- Identify the main sources of energy consumption in a hot-mix asphalt plant.
- Understand the opportunities for energy optimisation related to the production process and plant operation.
- Apply eco-driving practices suited to the operation of hot-mix asphalt plants.
- Implement adjustment and maintenance measures to reduce energy consumption and carbon footprint.
- Measure and analyse the impact of implemented measures on energy and environmental performance.

TOPICS

- Lockout/tagout and safety procedures for hot-mix asphalt plants
- Review of the operating principles of different hot-mix asphalt plant types and technologies
- Identification of energy consumption sources within a hot-mix asphalt plant
- Energy assessment methods applied to asphalt plants
- Optimisation opportunities: production process, organisation and plant operation
- Environmental impact: process-related emissions and reduction measures
- Energy performance analysis and assessment of potential savings

PREREQUISITES

- None

LOCATION

- Ermont company site (see directions on p. 39)

AUDIENCE

- Shift Supervisors
- Operators
- Maintenance Technicians
- Equipment Managers
- Industrial Operations Managers
- CSR Managers
- Laboratory Personnel

DURATION

3 DAYS (21 H)

Monday 2:00 pm to Thursday 12:00 pm

SESSION:

05 - 08/04/2027

PRICES

€2,400 / person

Discounted rate for 2 or more participants attending the same session: €2,000 / person

MOD2-07

Production Process – SOFTMIX Continuous Automation System.

OBJECTIVES

- Acquire the knowledge required to operate, adjust and troubleshoot a continuous asphalt plant equipped with the SOFTMIX automation system.
- Understand how the SOFTMIX software operates in continuous mode.
- Configure sensors, variable frequency drives, automation systems and associated peripherals.
- Optimise production by improving quality and the stability of operating settings.

TOPICS

- Review of electrical fundamentals in an asphalt plant environment
- Introduction to the SOFTMIX software in continuous mode
- Safety and lockout/tagout procedures for maintenance work
- SOFTMIX sensor and variable frequency drive settings
- Calibration and verification procedures
- Practical production exercises using an operating simulator
- Optimisation of production start-up and transition phases
- Diagnostics, troubleshooting methodology and maintenance

PREREQUISITES

- None

LOCATION

- Ermont company site (see directions on p. 39)

AUDIENCE

- Shift Supervisors
- Operators
- Maintenance Technicians
- Equipment Managers
- Industrial Operations Managers

DURATION

4 DAYS (28 H)

Monday 2:00 pm to Friday 12:00 pm

SESSIONS:

04 - 08/01/2027

25 - 29/01/2027

01 - 05/03/2027

22 - 26/03/2027

PRICES

€2,900 / person

Discounted rate for 2 or more participants attending the same session: €2,350 / person

MOD2-08

Production Process – SOFTMIX Batch Automation System.

OBJECTIVES

- Acquire the knowledge required to operate, adjust and troubleshoot a batch asphalt plant equipped with the SOFTMIX automation system.
- Understand how the SOFTMIX software operates in batch mode.
- Configure sensors, variable frequency drives, automation systems and associated peripherals.
- Optimise production by improving quality and the stability of operating settings.

TOPICS

- Review of electrical fundamentals in an asphalt plant environment
- Introduction to the SOFTMIX software in batch mode
- Safety and lockout/tagout procedures for maintenance work
- SOFTMIX sensor and variable frequency drive settings
- Calibration and verification procedures
- Practical production exercises using an operating simulator
- Optimisation of production start-up and transition phases
- Diagnostics, troubleshooting methodology and maintenance

PREREQUISITES

- None

LOCATION

- Ermont company site (see directions on p. 39)

AUDIENCE

- Shift Supervisors
- Operators
- Maintenance Technicians
- Equipment Managers
- Industrial Operations Managers

DURATION

4 DAYS (28 H)

Monday 2:00 pm to Friday 12:00 pm

SESSIONS:

01 - 05/02/2027

PRICES

€2,900 / person

Discounted rate for 2 or more participants attending the same session: €2,350 / person

MOD2-09

NEW

Production Process – VISION Continuous Automation System.

OBJECTIVES

- Acquire the knowledge required to operate, adjust and troubleshoot a continuous asphalt plant equipped with the VISION automation system.
- Master the VISION operating environment and its main operational features.
- Configure the plant equipment, sensors, variable frequency drives and associated peripherals.
- Use production data and decision-support tools to optimise plant performance.
- Improve production quality, the stability of operating settings and overall plant performance.

TOPICS

- Introduction to the VISION software in continuous mode
- Safety and lockout/tagout procedures for maintenance work
- Advanced alarm management
- Material management: supply records and consumption tracking
- Production: mix formula creation, aggregate grading correction and dosing ramps
- Calibration and verification procedures
- Asphalt plant equipment configuration
- Practical production exercises using an operating simulator
- Diagnostic, monitoring and user management tools
- Advanced production and calibration reports

PREREQUISITES

- None

LOCATION

- Ermont company site (see directions on p. 39)

AUDIENCE

- Shift Supervisors
- Operators
- Maintenance Technicians
- Equipment Managers
- Industrial Operations Managers

DURATION

4 DAYS (28 H)

Monday 2:00 pm to Friday 12:00 pm

SESSIONS:

05 - 09/04/2027

PRICES

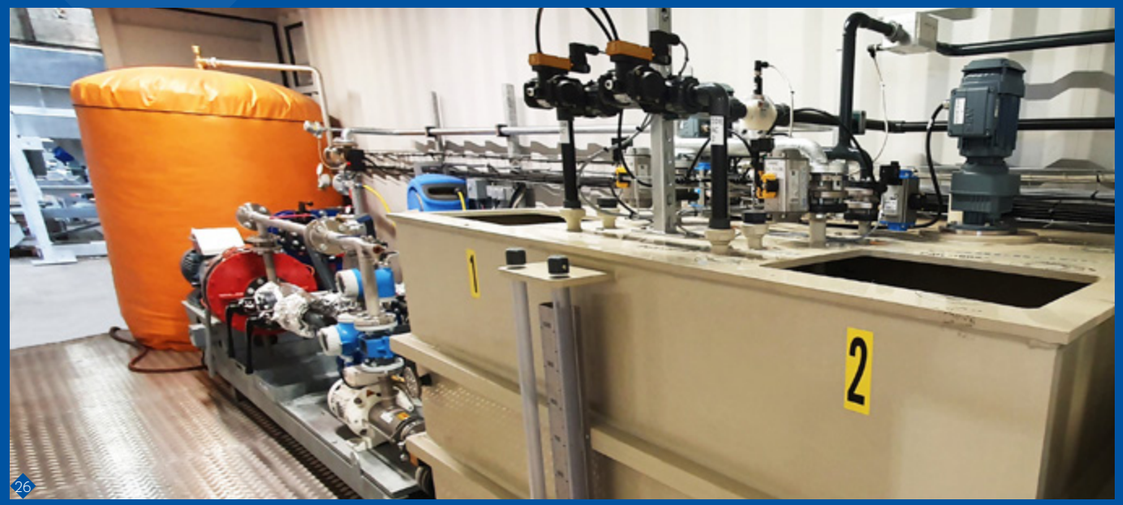
€2,900 / person

Discounted rate for 2 or more participants attending the same session: €2,350 / person

VISION
ASPHALT PLANT INTELLIGENCE

BITUMEN EMULSIONS: PRODUCTION & APPLICATIONS

Module 3



MOD3-01

Bitumen Emulsions: Production Principles and Road Applications.

OBJECTIVES

- Understand the composition and chemistry of bitumen emulsions.
- Acquire the knowledge required to operate a bitumen emulsion plant and bitumen storage facilities.
- Master laboratory quality control methods for bitumen emulsions.
- Identify road applications: spraying, coating, maintenance techniques and paving operations.

PRE-REQUISITES

- None

LOCATION

- SAE company site (see directions on p. 39)

TOPICS

1. What Is a Bitumen Emulsion?
- Definition, history, composition and chemistry
- Advantages of bitumen emulsions in road construction techniques

2. Emulsion Quality Control
- Laboratory testing and quality control
- Standards and performance requirements
- Traceability

3. Production and Storage
- Industrial bitumen emulsion production plant
- Bitumen storage facilities: organisation, storage, safety and maintenance
- Equipment servicing and maintenance

4. Road Applications
- Spray-applied emulsions
- Coating emulsions
- Application and paving equipment

AUDIENCE

- Operators
- Plant Managers
- Shift Supervisors
- Maintenance Technicians
- Equipment Managers
- Industrial Operations Managers
- Laboratory Personnel

DURATION

3 DAYS (21 H)

Monday 2:00 pm to Thursday 12:00 pm

SESSIONS:

25 - 28/01/2027

22 - 25/02/2027

PRICES

€2,400 / person

Discounted rate for 2 or more participants attending the same session: €2,000 / person

RELATED TAILOR-MADE TRAINING COURSES

MOD3-SC – Tailor-Made Training (Customer Site)

Customised training delivered directly at your plant. The programme is tailored to:

- Your bitumen emulsion plant (configuration, options and technology)
- The types of binders handled
- Your quality requirements and laboratory methods
- The challenges encountered (production, storage, safety)

MOD3-CF – Tailor-Made Training (Training Centre)

- Customised training delivered at our facilities in Saint-Benoît-la-Forêt.
- Provides an opportunity to gain practical experience in a training environment, explore chemistry, laboratory testing and plant settings in greater depth, and cover specific topics without disrupting plant operations.

ASPHALT PAVING: FEEDERS & PAVERS

Module 5



MOD5-01

Basic Asphalt Paving Techniques Using a Feeder and Paver.

NEW

OBJECTIVES

- Understand the general operation of feeders and pavers used in asphalt paving.
- Learn how to use auxiliary equipment associated with feeders and pavers to master the principles of asphalt paving.
- Identify key safety requirements and equipment preparation procedures for paving operations.
- Understand the essential settings for operating feeders and pavers.

TOPICS

- Feeder and paver applications
- Operating principles of feeders and pavers
- Feeder functions
- Paver tractor functions
- Paver screed functions
- Screed width configuration
- Floating screed
- Screed settings
- Levelling principles and tools
- Asphalt paving practices using feeders and pavers
- Common paving defects

PREREQUISITES

- None

POSSIBLE LOCATIONS

- ERMONT company site (see directions on p. 39)
- Customer premises
- Customer paving site

AUDIENCE

- Site Managers
- Operators
- Maintenance Technicians
- Equipment and Site Managers
- Works Managers
- Laboratory Personnel

DURATION

1 DAY (7 H)

8:00 am to 5:00 pm

SESSIONS:

To be scheduled

PRICES

TO BE DETERMINED

Contact the Training Team

RELATED TAILOR-MADE TRAINING COURSES

MOD5-SC – Tailor-Made Training (Customer Site)

Customised training delivered directly at your paving site or operating site. The programme is tailored to:

- The feeders and pavers used
- Site configuration and working conditions
- Participants' practices and level of experience
- Challenges encountered during asphalt paving
- Training needs in operation, settings, servicing, maintenance and diagnostics

MOD5-CF – Tailor-Made Training (Training Centre)

- Customised training delivered at our facilities in Lorette.
- Provides an opportunity to explore specific topics related to feeders and pavers in greater depth.

MOD5-02

NEW

Getting Started, Operation and Settings of DYNAPAC Feeders and Pavers.

- Equipment to be agreed with participants: F1250CS+; SD2500-2550C/CS (option R300); SD25-XD25; MF2500

OBJECTIVES

- Acquire the fundamental operating skills required to carry out asphalt paving operations safely.
- Learn how to operate and handle the equipment.
- Be able to determine and configure the equipment according to site requirements.
- Know how to position and use the main measuring and automation devices fitted to the equipment.
- Identify and carry out daily equipment maintenance tasks.
- Identify and understand the operation of the main electrical, hydraulic and mechanical components of a feeder or paver in order to perform initial fault diagnosis.

TOPICS

- General overview and equipment components
- Dashboard, display and remote control functions
- Location of main electrical components and onboard self-diagnostics
- Towing procedure
- Location of main hydraulic components
- Feed augers and installation of extensions
- Maintenance and adjustments
- Electric heating system
- Screed articulation
- Screed settings on site
- Online equipment monitoring

PREREQUISITES

- None

POSSIBLE LOCATIONS

- ERMONT company site (see directions on p. 39)
- Customer premises
- Customer paving site

AUDIENCE

- Site Managers
- Operators
- Maintenance Technicians

DURATION

2 DAYS (14 H)

8:00 am to 5:00 pm

SESSIONS:

To be scheduled

PRICES

TO BE DETERMINED

Contact the Training Team

MOD5-03

NEW

DYNAPAC Feeder and Paver Technology, Maintenance and Diagnostics.

- Equipment to be agreed with participants: F1250CS+ ; SD2500-2550C/CS (option R300) ; SD25-XD25 ; MF2500

OBJECTIVES

- Develop diagnostic and troubleshooting skills for DYNAPAC feeders and pavers.
- Strengthen understanding of the equipment's electrical, hydraulic and mechanical components.
- Apply servicing and repair procedures in compliance with safety standards to optimise equipment reliability.
- Interpret electrical and hydraulic diagrams to diagnose faults.
- Acquire essential preventive maintenance techniques for mechanical and other equipment components.
- Master key settings and adjustments to ensure equipment reliability.
- Identify common mechanical faults and apply initial troubleshooting and diagnostic procedures.

TOPICS

- General overview
- Track drive system and braking unit
- Conveyor drive system and asphalt feed systems
- Onboard hydraulic equipment and accessories
- Paver screed: settings, overhauls and wear analysis
- Feeders equipped with the SWING APP 6500 system
- Heating system: generator, heating elements, scrapers and control system
- Maintenance schedule
- Onboard diagnostics, error codes and fault-finding
- Digital tools and online data

PREREQUISITES

- None

POSSIBLE LOCATIONS

- ERMONT company site (see directions on p. 39)
- Customer premises
- Customer paving site

AUDIENCE

- Site Managers
- Maintenance Technicians

DURATION

2 DAYS (14 H)

8:00 am to 5:00 pm

SESSIONS:

To be scheduled

PRICES

TO BE DETERMINED

Contact the Training Team

COMPACTION: SOILS & ASPHALT

Module 6





MOD6-01

NEW

Basic Compaction Techniques and Classification of Compaction Equipment for Soils and Asphalt.

OBJECTIVES

- Understand the purpose of compaction.
- Understand how vibration works in order to apply it correctly during compaction operations.
- Learn how to use onboard and auxiliary compactor tools to master the principles of compaction.
- Identify compactor characteristics to select the appropriate equipment according to ground conditions and site requirements.

TOPICS

- Soil compaction
- Asphalt compaction
- Technologies used for asphalt compaction
- Monitoring vibration parameters
- Equipment classification
- General principles of compaction

PREREQUISITES

- None

POSSIBLE LOCATIONS

- ERMONT company site (see directions on p. 39)
- Customer premises
- Customer paving site

AUDIENCE

- Site Managers
- Operators
- Maintenance Technicians
- Equipment and Site Managers
- Works Managers
- Laboratory Personnel

DURATION

1 DAY (7 H)

8:00 am to 5:00 pm

SESSIONS:

To be scheduled

PRICES

TO BE DETERMINED

Contact the Training Team

RELATED TAILOR-MADE TRAINING COURSES

MOD6-SC – Tailor-Made Training (Customer Site)

Customised training delivered directly at your job site or operating site. The programme is tailored to:

- The rollers used
- The materials and work carried out
- Site types and working conditions
- Participants' practices and level of experience
- Challenges encountered during compaction
- Training needs in operation, settings, servicing, maintenance and diagnostics

MOD6-CF – Tailor-Made Training (Training Centre)

- Customised training delivered at our facilities in Lorette.
- Provides an opportunity to explore specific topics in greater depth, study roller components and technologies, and carry out exercises and practical activities in a suitable training environment without disrupting operations.

MOD6-02

Getting Started, Operation and Maintenance of a Roller.

NEW

- Equipment to be agreed with participants: CA (CA1300 to 6500) ; SCC (CC800 to 1400) ; BCC (CC2200 to 6200) ; CX

OBJECTIVES

- Acquire the fundamental operating skills required to use a roller safely on a job site.
- Learn how to operate and handle the equipment.
- Be able to select the appropriate equipment according to site requirements.
- Know how to position and use the main measuring and automation devices fitted to the equipment.
- Identify and carry out daily maintenance tasks to keep the equipment in good working order.
- Identify and understand the main roller components in order to explain their function and locate them when troubleshooting a fault.

TOPICS

- General overview of the equipment range
- Equipment identification and main functions
- Vibration technologies and principles (EVIB, SEISMIC, etc.)
- Dashboard functions and operator's station
- Location of main components
- Towing procedure
- Maintenance and adjustments
- Online equipment monitoring
- Compaction data recording tools (DYNALYZER)

PREREQUISITES

- None

POSSIBLE LOCATIONS

- ERMONT company site (see directions on p. 39)
- Customer premises
- Customer paving site

AUDIENCE

- Site Managers
- Operators
- Maintenance Technicians

DURATION

1 DAY (7 H)

8:00 am to 5:00 pm

SESSIONS:

To be scheduled

PRICES

TO BE DETERMINED

Contact the Training Team

MOD6-03

Roller Technology, Maintenance and Diagnostics.

NEW

- Equipment to be agreed with participants: CA (CA1300 to 6500) ; SCC (CC800 to 1400) ; BCC (CC2200 to 6200) ; CX

OBJECTIVES

- Understand the roller's various functions to optimise its operation.
- Apply maintenance procedures in compliance with safety standards.
- Master key settings and adjustments to ensure equipment reliability.
- Interpret electrical and hydraulic diagrams to diagnose faults.
- Acquire essential preventive maintenance techniques for mechanical and other equipment components.
- Identify common faults and apply initial troubleshooting procedures.
- Develop diagnostic skills for DYNAPAC compaction equipment.

TOPICS

- General overview
- Chassis, front and rear modules, and central articulation
- Vibration technologies
- Cab, controls and display
- Reading electrical diagrams and locating components
- Hydraulic systems and towing procedure
- Diesel engine
- Maintenance, service intervals and maintenance schedules
- Diagnostics, error codes and self-diagnostics

PREREQUISITES

- None

POSSIBLE LOCATIONS

- ERMONT company site (see directions on p. 39)
- Customer premises
- Customer paving site

AUDIENCE

- Site Managers
- Maintenance Technicians

DURATION

2 DAYS (14 H)

8:00 am to 5:00 pm

SESSIONS:

To be scheduled

PRICES

TO BE DETERMINED

Contact the Training Team

TRAINING MONITORING & ASSESSMENT PROCEDURES

MONITOR, SUPPORT AND VALIDATE LEARNING OUTCOMES

Our training courses include a comprehensive monitoring and assessment process to ensure that the intended skills and competencies are acquired.

BEFORE THE TRAINING: INITIAL ASSESSMENT

Each participant completes an initial knowledge assessment before the training begins, allowing us to tailor the training approach to their existing skills and knowledge.

DURING THE TRAINING: CONTINUOUS MONITORING

The trainer supports participants through:

- Regular discussions
- Practical exercises and hands-on activities
- Knowledge checks
- An active learning approach focused on the group's needs

This ongoing monitoring allows the trainer to adjust the pace, examples, practical activities and technical level in real time.

AT THE END OF THE TRAINING: LEARNING OUTCOMES ASSESSMENT

Each training course includes a final assessment in the form of:

- Multiple-choice questionnaire (MCQ)
- Oral discussion
- Practical assessment, depending on the module

This assessment verifies that participants have acquired the skills covered during the training.

GROUP ORAL REVIEW

At the end of each session, the trainer and participants hold a group discussion to review the training. This provides an opportunity to share feedback on strengths, areas for improvement and any outstanding questions.

SATISFACTION QUESTIONNAIRE

Each participant completes an individual satisfaction questionnaire. Feedback is analysed and incorporated into our continuous improvement process.

INDIVIDUAL TRAINING CERTIFICATE

An individual training certificate is issued to each participant at the end of the session.



PRACTICAL INFORMATION

OUR TRAINING LOCATIONS

Our training courses can be delivered at different training facilities depending on the topics covered, the equipment required and participants' technical needs. All our locations have the necessary facilities to ensure optimal learning conditions.

ERMONT — MAIN SITE

17 rue Pierre Timbaud
42420, Lorette
France

This site hosts all training courses related to hot-mix asphalt production techniques (Module 2), asphalt paving (Module 5) and compaction (Module 6).

SAE — PEDAGOGICAL SITE

14 Zone Industrielle
37500, Saint-Benoît-la-Forêt
France

This site hosts training courses related to cold-mix production techniques (Module 1) and bitumen emulsions (Module 3).



If any participant has a disability (mobility, hearing, etc.), please inform us so that we can assess the necessary adjustments to the training organisation, equipment and teaching methods.

CONTACT

For any information requests, registrations or personalised support, our Training Centre team is here to help.

Tel.: +33 (0)4 77 73 52 65
Email : formation@ermont.fayat.com
Website: ermont.fayat.com/en/services/training

ERMONT
Rue Jean-Pierre Timbaud, BP 1
42420 Lorette, France
Tel.: +33 (0)4 77 73 52 65
Fax: +33 (0)4 77 73 48 85
contact@ermont.fayat.com
ermont.fayat.com

CONTACT US!

Ermont - Fayat Group

@Ermont.Fayat

Ermont - Fayat Group

This document is non-contractual and subject to change as part of ERMONT's ongoing improvement policy (10/2026).



ERMONT
FAYAT GROUP