



TRAINING PLAN
ADVANCED TECHNIQUES

2020 EDITION

SOPREMA is an international manufacturer specializing in the production of innovative products for waterproofing, insulation, soundproofing and vegetated solutions for the roofing, building envelope and civil engineering sectors.

ADVANCED TECHNIQUES

This advanced training allows installers to deepen their knowledge and technical skills for installing SBS modified bitumen membranes.

SOPREMA offers theoretical and practical training to roofers with a minimum of two years of experience in the installation of heat-welded SBS modified bitumen membranes. The training will allow participants to familiarize themselves with high-performance systems – either mechanically attached, bonded with adhesive or hot bitumen and self-adhesive – while also refreshing their knowledge regarding traditional¹ system installation techniques and new products. Participants will have the opportunity to review the basics and to increase knowledge of our membranes' features and appropriate and safe application methods for all products, as well as safety rules on construction sites and industry requirements.



¹ Heat-welded membranes or membranes bonded with hot bitumen.

At the end of this training, participants will be required to pass a practical evaluation and a theoretical exam in order to obtain the Advanced Installer certification. They will also have the knowledge required to effectively install all types of SBS modified bitumen membranes.

Please note that hiring Certified Advanced Installers does not guarantee that the contractor will have access to SOPREMA's Program Alliance for Quality + Safety (PAQ+S). Roofing contractors who want to see their company become a member of the network and gain access to MAMMOUTH Platinum warranties should contact their SOPREMA representative for more information about eligibility and procedures.



Prerequisite: Completion of the *Basic Techniques* training by SOPREMA and a minimum of one year of experience in the installation of heat-welded SBS modified bitumen membranes (both welding on field surfaces and for installation on parapets) or

Completion of the equivalent 30-hour CCQ (Commission de la Construction du Québec) training and a minimum of one year of experience in the installation of heat-welded SBS modified bitumen membranes (both welding on field surfaces and for installation on parapets) or

Holding a Diploma of Professional Studies in roof covering installation and a minimum of one year of experience in the installation of heat-welded SBS modified bitumen membranes (both welding on field surfaces and for installation on parapets) or

Having a minimum of two years of experience in the installation of heat-welded SBS modified bitumen membranes (both welding on field surfaces and for installation on parapets).

- Duration: 2 days (16 hours)
- Class of 10 participants



TRAINING CONTENT

Theory

BASIC AND FIRE SAFETY

MEMBRANE RAW MATERIALS AND COMPOSITION

REVIEW OF THE BASIC TECHNIQUES

- Membranes bonded with hot bitumen
- Heat-welded membranes

LARGE BUILDING PARTICULARITIES

- Wind loads depending on the roof areas

ACCESSORY PRODUCTS

- Adhesives
- Primers
- Waterproofing products
- Support panels
- Insulation panels

TOOLS

INTRODUCTION TO HIGH-PERFORMANCE SYSTEMS

- Mechanically fastened base sheet membranes
- Panels with base sheet membranes
- Single-ply mechanically fastened systems
- Base sheet and cap sheet membranes bonded with adhesive
- Base sheet and cap sheet membranes bonded with hot bitumen
- Heat-welded base sheet and cap sheet membranes
- Self-adhesive cap sheet membranes
- Self-adhesive base sheet membranes for flashings

Practical workshop

- Self-adhesive base sheet membranes for flashings
- Mechanically fastened base sheet membranes
- Mechanically fastened base sheet panels
- Self-adhesive base sheet membranes on field surfaces
- Base sheet and cap sheet membranes bonded with adhesive
- Self-adhesive cap sheet membranes

QUESTION AND REVIEW PERIOD

PRACTICAL EVALUATION

- Installation of self-adhesive and heat-welded membranes

THEORETICAL EXAM

- Multiple-choice questions

