

# CARLISLE ACADEMY

CPD SEMINARS



CARLISLE®  
Construction Materials Ltd.

United Kingdom

Lancaster House | Concorde Way  
Millennium Business Park | Mansfield  
Nottinghamshire | NG19 7DW

T +44 (0)1623 62 72 85  
F +44 (0)1623 65 27 41  
E [info.uk@ccm-europe.com](mailto:info.uk@ccm-europe.com)

[www.ccm-europe.com](http://www.ccm-europe.com)

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**CARLISLE**  
CM EUROPE

# Types of CPD Seminars

## About us

The CARLISLE® CM Europe group is Europe's leading provider of single-ply EPDM sealing products for roof, façade and ground construction. As the first European manufacturer of EPDM waterproofing membranes and sheets, we have been providing lasting quality since the 1960's. The umbrella brand CARLISLE® CM Europe unites the trusted brands RESITRIX®, HERTALAN®, ALUTRIX®, ARBOFLEX® PU, ECOLAN® and ARBO®.

### Advantages of EPDM Single Layer Roofing Membranes

The CPD seminar looks at an introduction to EPDM and the material variants currently produced worldwide. It also explains the application of waterproofing based on flat roof type and common construction build up details, including inverted, green roof, hard landscaping. Reference is made to the variances between the different types of flat roofing membrane products currently available in the market, along with an overview of hybrid EPDMs and the various types of installation methods possible. Project case studies, system certification and warranties are also explained, providing examples of the diversity and benefits possible through the application of EPDM as a durable and reliable waterproofing solution for flat roofs.

#### Learning Aims

- Introduction to EPDM
- Specification of flat roof construction build ups
- EPDM comparisons with other materials
- How EPDM roofing systems can be installed
- Diverse uses of EPDM in construction
- Innovative case study assessment
- Benefits of manufacturer warranties

### EPDM Building Envelope Waterproofing

The CPD provides an introduction to EPDM and the varying types available. The subject of building envelope waterproofing using EPDM is explained through the material applications possible, including flat roofing, green roofing, façade finish, façade sealing, pond lining and temporary waterproofing; this is supported by practical information regarding the installation methods. A broad portfolio of project case studies demonstrate the diverse applications possible using EPDM as an envelope waterproofing solution.

#### Learning Aims

- Introduction to EPDM
- Specification of EPDM for the building envelope
- How EPDM waterproofing systems can be installed
- Diverse uses of EPDM in construction
- Innovative case study assessment
- Benefits of manufacturer warranties

### EPDM & Green Roofs

The CPD seminar considers the environmental benefits of green roofs and the aspects which should be considered when specifying this. The build up components within a green roof system are overviewed, along with an introduction to the various types of green roof systems that can be specified, depending on the nature of the roof and the purpose this is intended for. Planting methods, maintenance, fire performance and wildlife is also considered, along with the suitability of EPDM for green roofs. The seminar is concluded with case study examples of EPDM green roof projects.

#### Learning Aims

- Introduction to EPDM
- Understanding the environmental benefits of green roofs
- Planning and specification considerations
- What components make up a green roof
- The different types of green roof applications
- What maintenance is required

### Cold Applied Liquid Waterproofing for Flat Roofs & Balconies

The CPD introduces the various types of flat roof liquid waterproofing systems currently utilised within construction, with a focus on cold applied PU and PMMA liquid products. The importance of flat roof assessment and common roof defects are highlighted, along with an overview of the various types of roof build ups suitable for cold applied liquid systems. Balconies and green roof applications are considered, along with considerations for selecting the correct system for the type of roof and the associated components and detailing for this. The seminar concludes with some project case study examples of cold applied liquid waterproofing for flat roofs.

#### Learning Aims

- Understanding the various types of liquid waterproofing systems
- Understand cold applied PU and PMMA systems
- Benefits to using liquid applied systems
- Suitable applications and typical build ups
- Specifier guidance on system selection and design

### EPDM for Façade Sealing Applications

The CPD provides an introduction to EPDM, the varying types available and the benefits of the material to building applications. The application possibilities for EPDM façade sealing are explained, along with supporting substrate information. An overview of the system components discusses the available waterproofing treatments, followed by an explanation of installation principles for preparing the sealing detail and a discussion of common issues which may cause system failure. The seminar is complimented with various case study examples of EPDM façade sealing project applications.

#### Learning Aims

- Introduction to EPDM
- Façade sealing application possibilities
- Types of solutions suitable for façade application
- Basic installation considerations
- Common issues
- Versatility of EPDM

## To book a CPD

T 01623 627285

E [info.uk@ccm-europe.com](mailto:info.uk@ccm-europe.com)

