



IRISH
CONCRETE
SOCIETY

Technical Seminar

Cold Weather Concreting



Who should attend:

- Main Contractors
- Consulting Engineers
- Local Authority Engineers
- Specialist Sub-Contractors
- Site Supervisory Personnel
- Producers

29th November 2022

A half-day online course dealing with the practical aspects of successfully placing concrete during cold weather

www.concrete.ie

Introduction

The negative effects of placing concrete in cold weather are well established. Concrete can be damaged to such an extent that it is unfit for use, has lower strength development or reduced durability. Therefore, it is important that precautions are taken to ensure that the performance of the Concrete is not unduly affected.

In this seminar we will deal with the practical aspects of successfully placing concrete during cold weather. We will also look at the damage caused by freezing temperatures to fresh concrete.

Seminar Content and Speakers

10.00 Welcome

10.05 Introduction and General Overview:

Weather, temperature effects, risk of concrete freezing

Robert Laird, Client Site Manager, ESB

10.35 Design Options for Cold Weather Concreting:

Material properties, concrete mix design, specification

Vincent Anderson, Managing Director, MTS Ltd.

11.05 Site Practice: Planning, Placing, and Curing:

Planning, transportation, placing, curing, striking time

Oisín Ó Maoláin, Assistant Contracts Manager, John Sisk & Son

11.45 Break

11.55 Sampling and Testing:

Cold weather considerations and precautions

Gordon Ellis, General Manager, Mattest

12.15 Health and Safety Considerations in Cold Weather:

Weather, personnel, PPE, material, site considerations

Shane Mc Donnell, Project EHS Manager, PJ Hegarty & Sons

12.45 Questions and Answers

13.00 Ends

Date

Online: 29th November 2022, 10am to 1pm

Fee

ICS / Concrete Society (NI) Member: €65 / delegate

Non-member rate: €95 / delegate

A booking discount of 10% applies to groups of 5 or more

CPD: 3 Hours

Booking Information

Booking email: events@concrete.ie

Please state clearly the event name, the names of all delegates, their email address and company, as well as a contact email and phone number for the booking.

Cancellations: A cancellation fee of 50% may be charged for confirmed bookings cancelled within 2 working days prior to the event. Non attendances may be charged the full fee. Replacement delegates may attend instead.

All cancellations must be confirmed by email. The Irish Concrete Society will not be liable for any costs incurred in the event of the rescheduling of this seminar.

Payment Options

Cheques: payable to: The Irish Concrete Society, return to:
Platin, Drogheda, Co. Louth.

Card Payment: email office@concrete.ie for details

Electronic transfer: Quote company name in the transaction reference, return to:
events@concrete.ie

Name: The Irish Concrete Society **Branch:** Bank of Ireland, Blackrock, Co. Dublin

Sort Code: 90-10-28

Account Code: 85791285