



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

27th November 2024

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

www.concrete.ie

Introduction

The negative effects of placing concrete in colder 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, highly experienced industry professionals will discuss 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
Alan Boyle, Project Engineer, Punch Consulting Engineers
- 10.35 Design Options for Cold Weather Concreting:**
Material properties, concrete mix design, specification
Colin Heffernan, Concrete Technical Manager, Roadstone
- 11.05 Site Practice: Planning, Placing and Curing:**
Planning, transportation, placing, curing, striking time
Raymond Fee, Quality Manager, John Sisk & Son
- 11.45 Break**
- 11.55 Sampling and Testing:**
Cold weather considerations and precautions
Neil Cooke, NI Area 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: 27th November 2024, 10am to 1pm

Fees

ICS / Concrete Society (NI) Member: €95 / delegate

Non-member rate: €145 / delegate

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

CPD

3 Hours

Booking Information

Email events@concrete.ie to book

Please state clearly the event name, the names of all delegates, their email address(es) 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 of the event.

Non attendances may be charged the full fee. Replacement delegates may attend instead.

All cancellations must be confirmed by email.

This seminar is subject to a minimum number of participants. The Irish Concrete Society will not be liable for any costs incurred in the event of the rescheduling of this seminar.

Payment Information

An invoice will be issued for each booking with payment options provided. Please note that for non-member bookings, either a company PO number or payment in advance is required to secure.