

# Design and Installation of Anchors

A Joint Irish Concrete Society and Engineers Ireland Technical Seminar



## Who should attend:

- Consulting Engineers
- Site Engineers
- Main Contractors
- Specialist Sub-Contractors
- Site Supervisory Personnel

**25th February 2021**

***A half-day online seminar course looking at the design and installation of concrete anchors with a view to understanding what is required to achieve design intent***

## Introduction

Concrete anchors, when used, are typically a critical design component. While often contributing to the stability and robustness of a structure, anchors can be overlooked as a secondary design element. Errors in design and installation can significantly reduce anchor capacity with the potential to result in catastrophic failure.

In this half day seminar we will look at the design and installation of concrete anchors with a view to understanding what is required to achieve design intent. Covering key elements of design principles, anchor types and installation, testing and certification, to critical health and safety considerations, this seminar will examine these factors from an Engineer's perspective.

There will also be plenty of opportunities to ask questions during discussion.

## Who Should Attend

This seminar will be of particular interest to Consulting Engineers involved in the design, specification and supervision of construction. Site Engineers, Main Contractors and Specialist Sub-Contractors will also benefit from attending.

## Seminar Programme

- **Introduction: An Engineers' Perspective**  
Marcel Fuchs/Victoria Janssens, Structural Engineers, Arup
- **Design Principles**  
Bryan Carroll, Managing Director, Masonry Fixings
- **Chemical Anchors**  
Andrew Duffy, Technical Advisor, Sika
- **Mechanical Anchors**  
Cathy Flynn, Key Project Engineer, Hilti
- **Inspection, Testing and Certification**  
Thomas Callanan, Managing Director, Infrastruct AMS

Further details will follow

## Date

Online: 25th February 2021, 9am to 1pm

## Fee

(includes course material)

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**ICS/EI member rate: €90 / delegate**

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**Non-member rate: €150 / delegate**

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## Booking Information

Confirmation is subject to event fee being finalised

**Contact:** [events@concrete.ie](mailto:events@concrete.ie) or visit [www.concrete.ie](http://www.concrete.ie) for more information.

**Booking form:** <https://www.engineersireland.ie/EventBooking/7279>

**Booking email:** [cpdtraining@engineersireland.ie](mailto:cpdtraining@engineersireland.ie)

**Phone booking:** +353 1 6651305 (Engineers Ireland)

**Cheques made payable to:** Engineers Ireland

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:** Engineers Ireland terms apply. Cancellation fees calculated at 50% of the estimated total bill will be charged for confirmed bookings cancelled less than 5 working days prior to the date of the planned event. A replacement person can attend instead.

Cancellations made the day prior to an event will be charged 75% of the total estimated bill. No-shows will be charged the full fee. All cancellations must be confirmed in writing by email. Engineers Ireland will not be liable for any costs in the event of a course being re-scheduled. This applies, but is not limited, to any travelling, subsistence or consequential expenses incurred by delegates.