

Defects and Deterioration of Concrete

- causes, prevention and remedies

Tuesday 30 April 2019

Concrete Society, Riverside House, 4 Meadows Business Park,
Station Approach, Blackwater, Camberley, Surrey, GU17 9AB

This one day Technical Seminar aims to provide guidance relating to potentially structurally significant concrete defects and deterioration. This will cover common causes of deterioration and methods of specifying a suitably durable concrete.

The event will offer an in-depth insight for Engineers, Architects, Supervisors and Students with the focus on understanding the physical and chemical mechanisms of concrete and reinforcement deterioration, together with the resulting consequences. Includes topics relating to the investigation, testing and assessment of suspect concrete and also details of common remedial techniques.

The day starts with Registration at 09:15 and will close at approximately 16:00 following a summary of the day's events. A full agenda for the day will be issued upon receipt of applications, including directions to the venue. A literature pack will be supplied which includes a copy of presentations.

Key topics to include:

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| • Essentials of concrete composition and performance | • Specification of durable concrete |
| • Common defects | • Achieving durability from practical construction methods |
| • Cracking forms and consequences | • Preliminary inspections |
| • Physical deterioration of concrete | • Sampling and test sites |
| • Chemical deterioration of concrete | • In situ testing |
| • Deterioration of reinforcement | • Laboratory testing |
| • Factors affecting type of deterioration | • Evaluation of test results |
| • Factors affecting rate of deterioration | • Achieving successful repairs |

Please note that lunch and refreshments are included.

Fee: £140 (Concrete Society members) +VAT or £180 (non-Concrete Society members) +VAT. A **10% discount is available for multiple delegate bookings**. An invoice will be issued upon receipt of the booking. At least 3 days' notice is required for full refund. Late cancellation refund at the discretion of the Society. **Space is limited so ensure to book early!**

For further information and a booking form please contact;

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