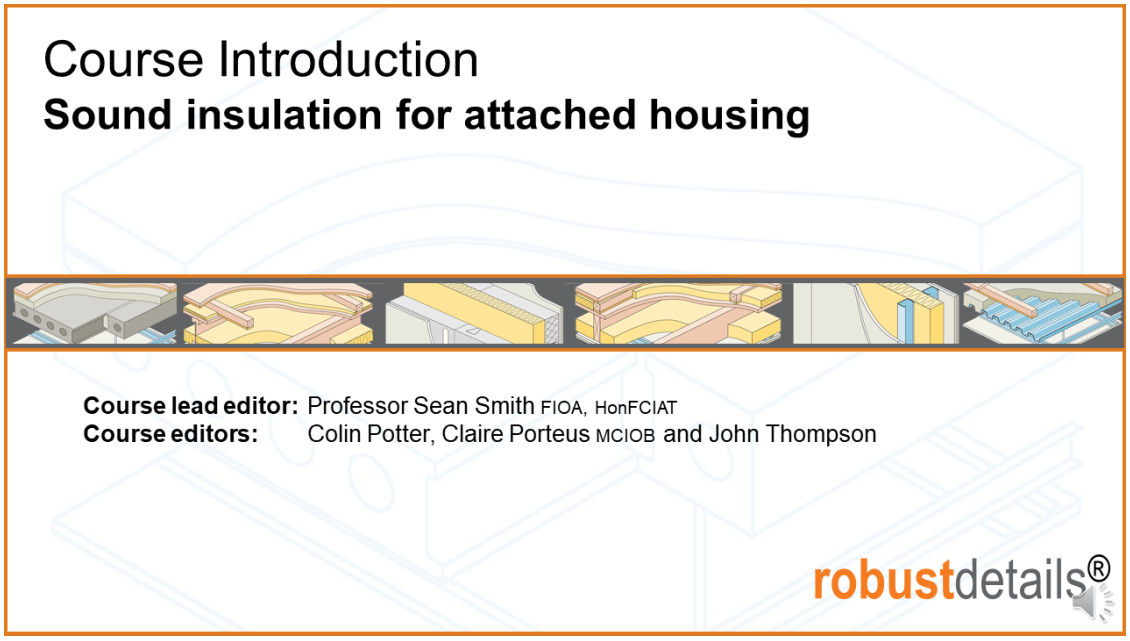
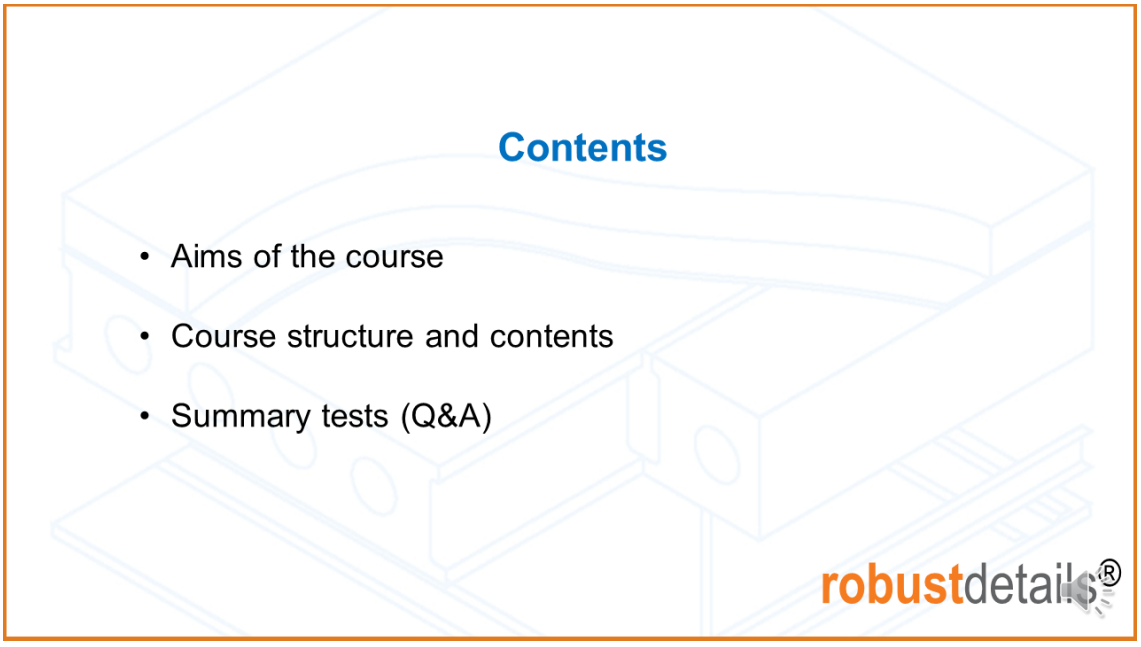
Slide 1



Hello and welcome to the sound insulation for attached housing course. This has been developed by Robust Details whereby the course lead editor is Professor Sean Smith, alongside editors: Colin Potter, John Thompson and myself Claire Porteus.

Additional notes:

Slide 2

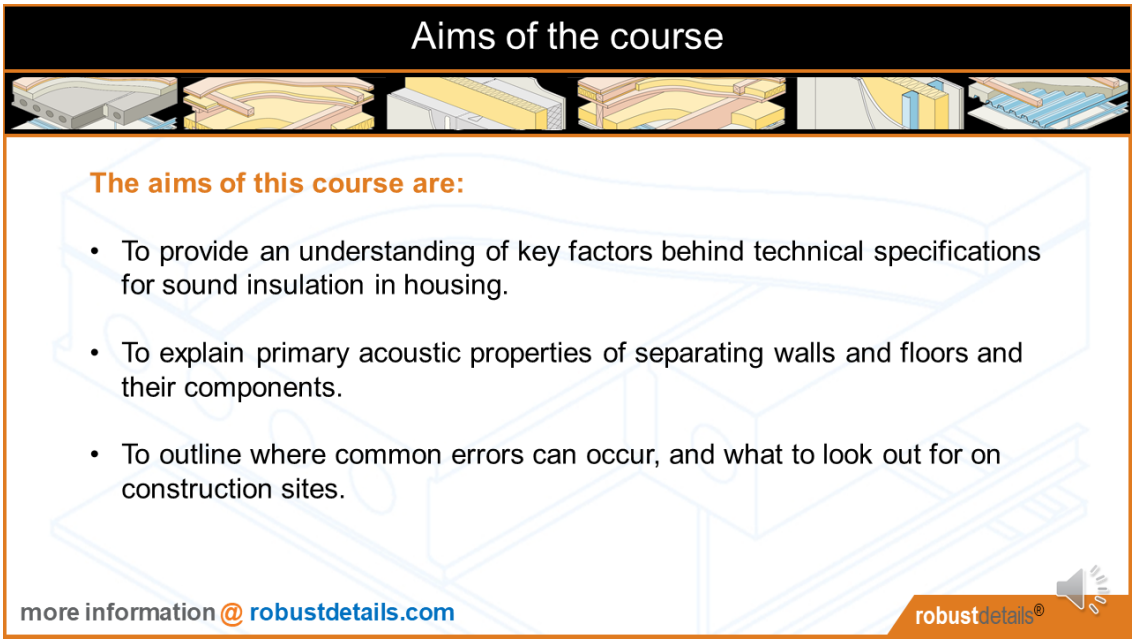


Within this introduction overview we will cover.

- Aims of the course
- Course structure and contents
- Summary tests (Q&A)

Additional notes:

Slide 3



Aims of the course:

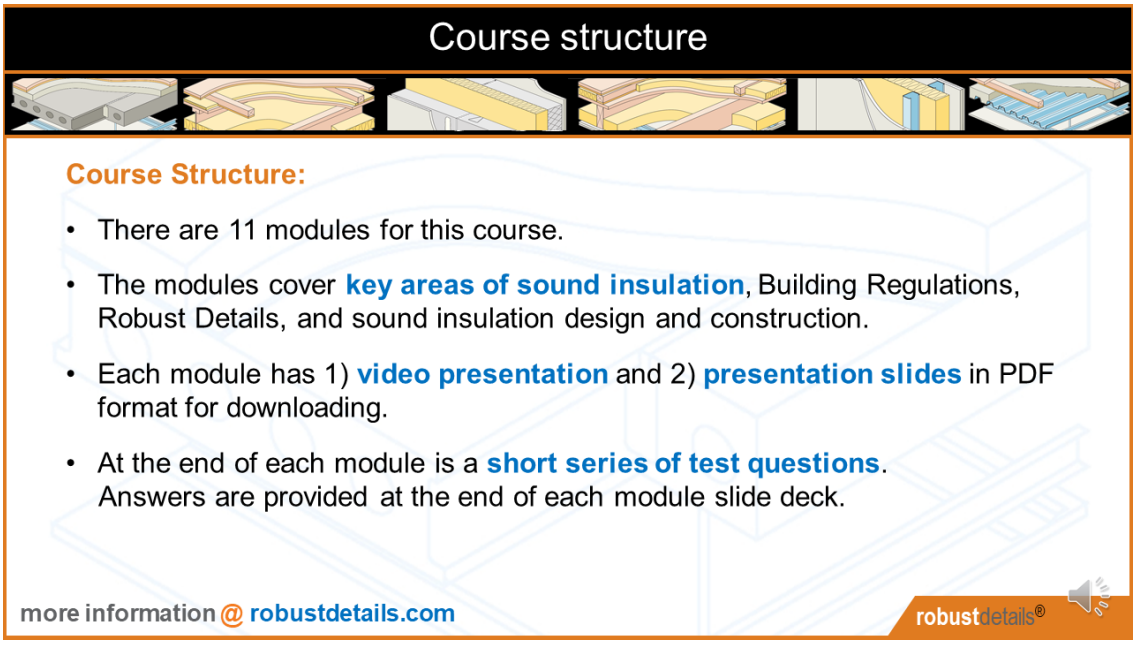
To provide an understanding of some of the key fundamental factors; and reasons behind technical specifications and detailing for sound insulation in attached housing.

To explain some of the primary acoustic material properties of separating wall and floor systems and their construction components.

To outline where some common errors in design or construction can occur and what to observe when on construction sites for attached housing.

Additional notes:

Slide 4



Course Structure:

There are 11 modules for this course – all free to access.

The modules cover key areas of sound insulation, regulations, compliance for Robust Details, Developing a new Robust Detail and sound insulation design and construction for various separating walls and floors.

Continued overleaf

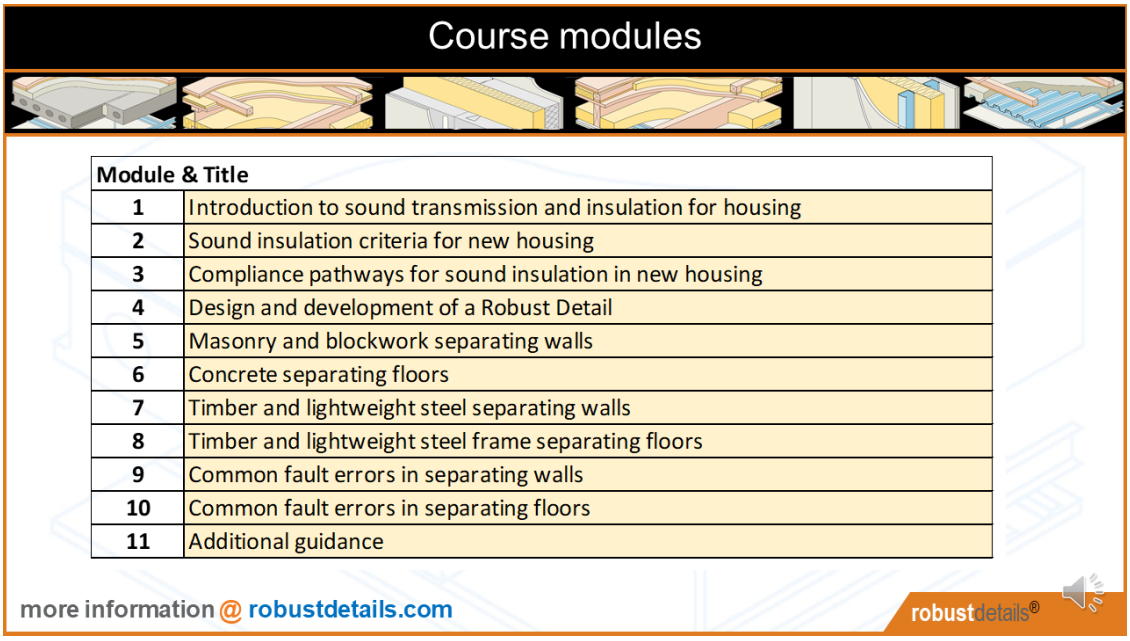
Additional notes:

Each module has a video presentation along with presentation slides that can be downloaded in PDF format.

At the end of each module is a short series of test questions – so users can test their knowledge from the module. Answers are also provided at the end of each module slide deck.

Additional notes:

Slide 5

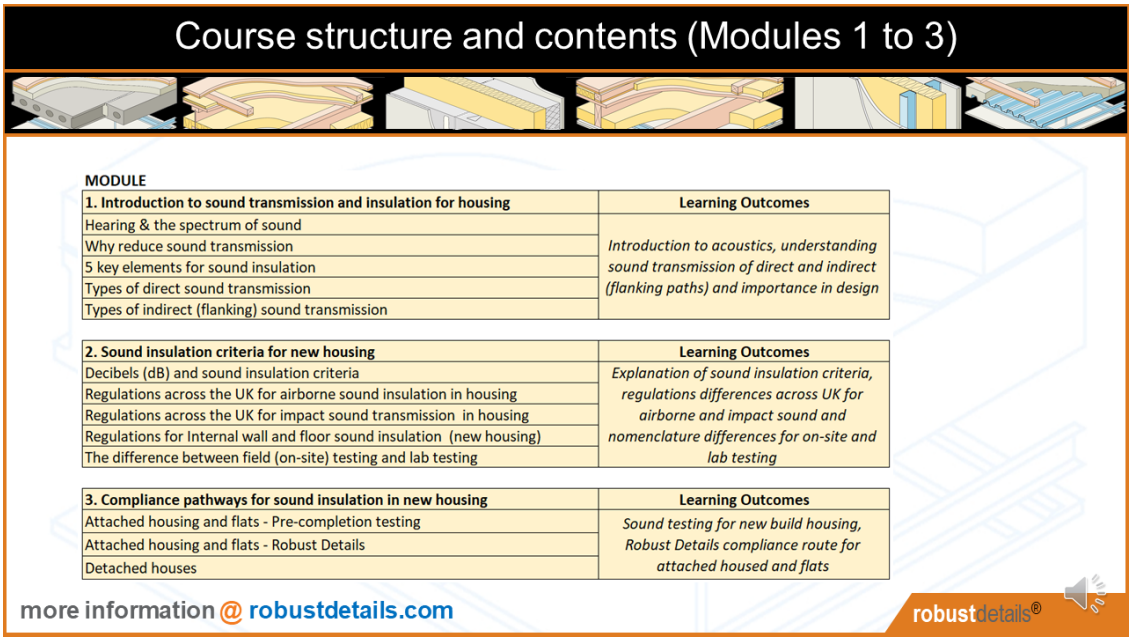


Module & Title	
1	Introduction to sound transmission and insulation for housing
2	Sound insulation criteria for new housing
3	Compliance pathways for sound insulation in new housing
4	Design and development of a Robust Detail
5	Masonry and blockwork separating walls
6	Concrete separating floors
7	Timber and lightweight steel separating walls
8	Timber and lightweight steel frame separating floors
9	Common fault errors in separating walls
10	Common fault errors in separating floors
11	Additional guidance

The course modules are: As per table

Additional notes:

Slide 6

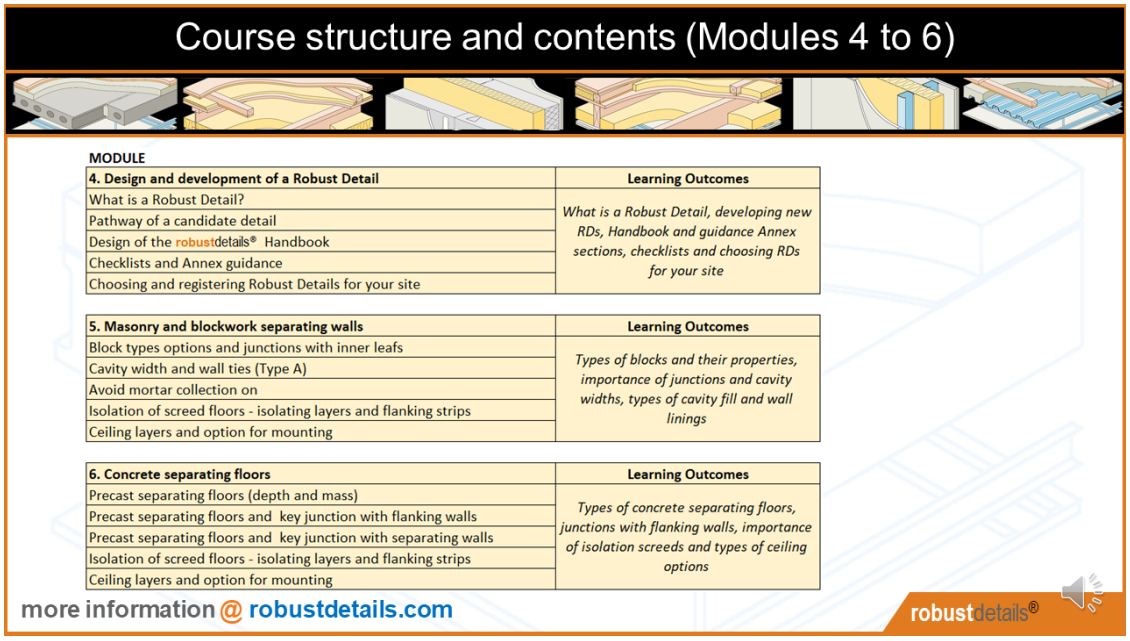


Lets now look at the course structure and the contents.
At the beginning of each module the individual topics seen within the following tables will be shown, but for the following 4 slides, I will explain each module and the learning outcomes for each.

Read slide

Additional notes:

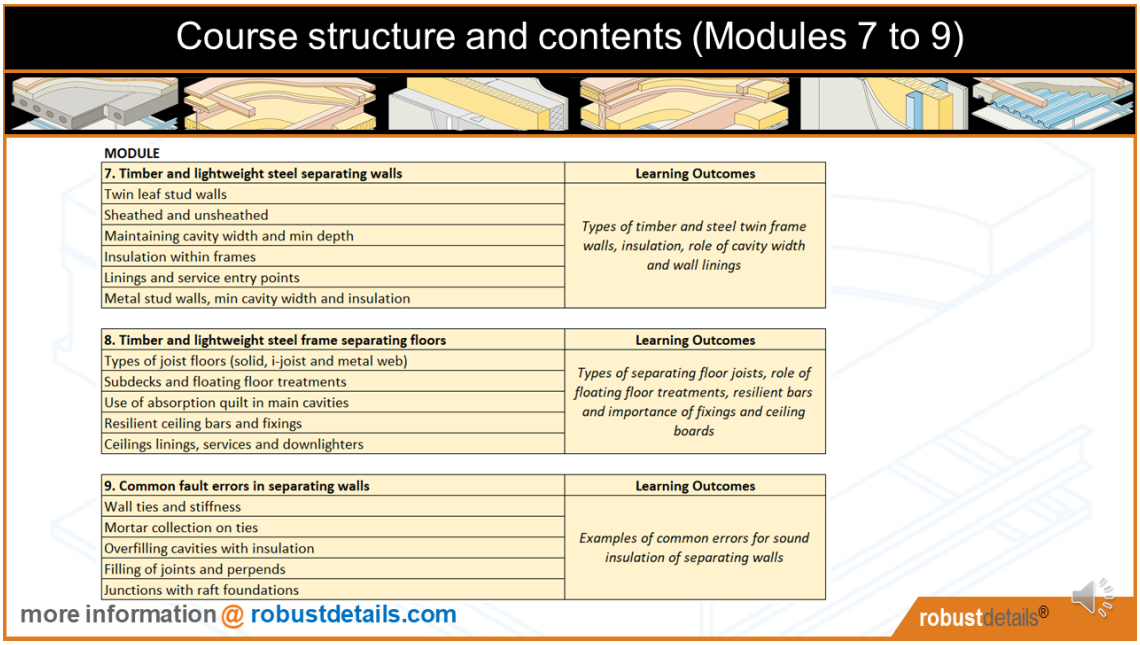
Slide 7



Read slide

Additional notes:

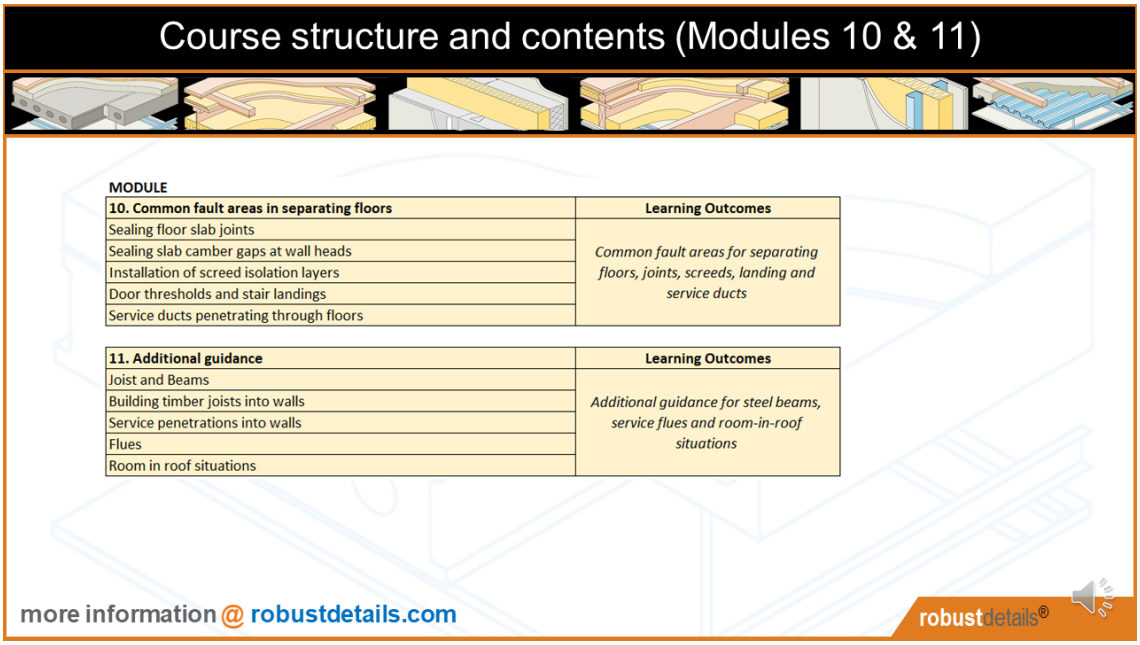
Slide 8



Read slide

Additional notes:

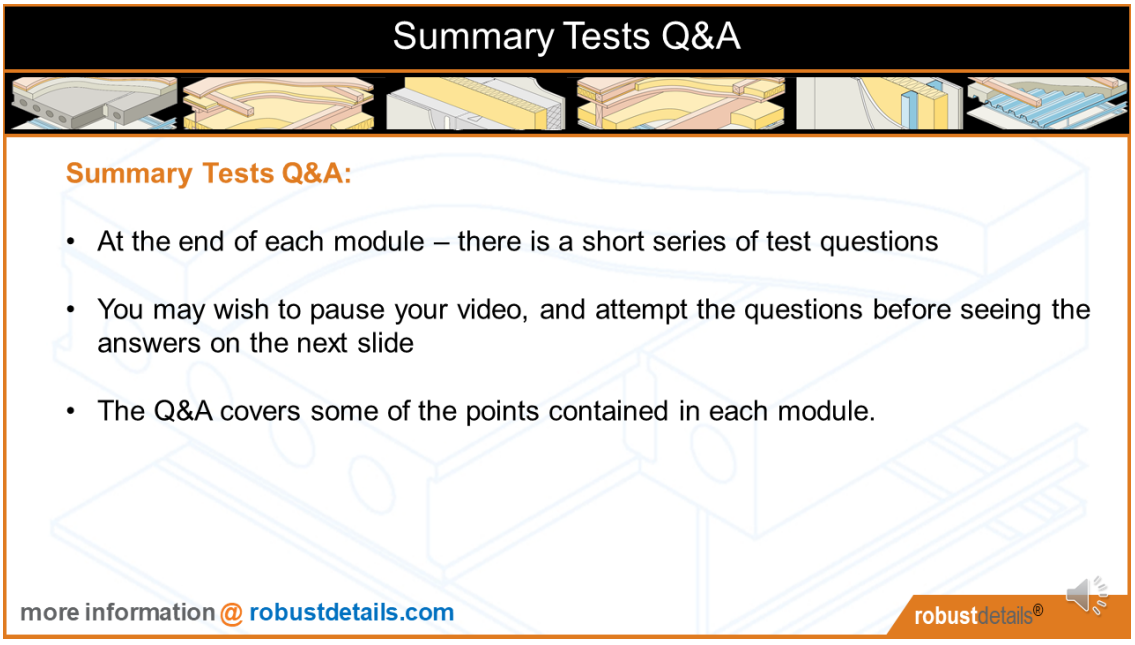
Slide 9



Read slide

Additional notes:

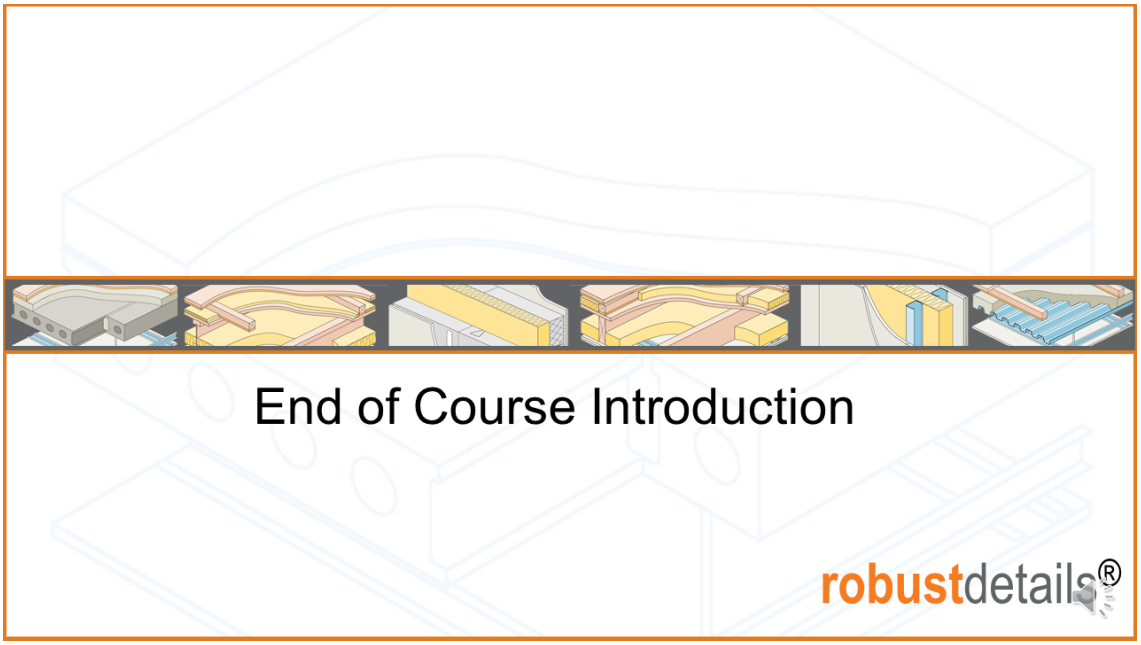
Slide 10



Read slide

Additional notes:

Slide 11



This is the end of the course introduction and we look forward to seeing you in Module 1

Additional notes:

Slide 12

Download your free copy of the Handbook by signing up @

www.robustdetails.com

Contact us:

Technical @

email: technical@robustdetails.com

call: 03300 882 140

Customer Service @

email: customerservice@robustdetails.com

call: 03300 882 141

Additional notes: