



# REMEDIAL TECHNICAL SERVICES

*Consultancy & Laboratory Services*

14, Mill Rise, Bourton, Nr Gillingham, Dorset. SP8 5DH.  
Telephone (01747) 840715

## Surveyors Dampness and Timber Infestation Courses

Course Tutor: G.R.Coleman. B.Sc.(Hons),M.I.Biol.,C.Biol.,A.I.W.Sc.F.Inst.R.T.S.

The courses are intended for those who need to understand and diagnose timber infestations and dampness in buildings. They are also specifically designed to cover a large proportion of the timber and dampness syllabus for the Certificated Surveyor in Remedial Treatment (CSRT) qualification, which replaces the CTIS and CRDS qualifications.

The courses are run by **Independent Parties** and not related to specific manufacturers materials, etc. Graham Coleman is an experienced trainer and the author of several authoritative publications on dampness and timber infestation. He is also one of the examiners appointed by the Institute of Wood Preserving and Damp-Proofing for the CSRT qualification.

The courses are held at

**Safeguard Europe Ltd, Redkilm Close, Redkilm Way, Horsham, West Sussex, RH13 5QL**

meeting at 9am for 9.30 start. A certificate of completion is issued for those attending and completing each part of the course. A CD ROM is supplied with the Timber infestation course.

Course content: See overpage

Course fees:\*

1 day (Dampness or Timber Infestation)	£155-00 plus VAT (£182-13)
2 days (Dampness and Timber Infestation)	£265-00 plus VAT (£311-38)

(\* includes coffees, teas and lunch)

### 2008 Course Dates:

	<b>Timber Infestation</b>	<b>Dampness</b>
Training	<b>9th December</b>	<b>10th December</b>

Please reserve ..... places on the Timber Infestation/ Dampness Course to be held at Horsham  
on ..... Fee: £.....

Name: ..... Company: .....

Address:..... Tel.....

Please make cheques payable to 'RTS' and return them to:

**Remedial Technical Services, 14, Mill Rise, Bourton, Nr Gillingham, Dorset. SP8 5DH.**

For further information please ring Graham Coleman on 01747-840715

# COURSE CONTENT

## Dampness in Buildings

### Moisture in Masonry:

#### Distribution:

- Hygroscopic and Capillary moisture
- Saturation
- Distribution between different materials

#### Measurement:

- Electrical moisture meters
  - use and interpretation of results
- Carbide ('speedy') meters
- Gravimetric methods
- Other methods.

### Salts:

- Efflorescent, hygroscopic and Deliquescent
- Importance and origin
- Sulphates, chlorides and nitrates and Other salts.

### Moisture in Wood:

- Distribution
- Measurement
- Importance

### Rising damp:

- Definition
- How water rises
  - factors affecting rise
- Identification of rising dampness
  - assessing efficacy of dpc's
  - methods
- Chemicals dpc's
  - types and application
  - performance
  - limitations and problems.
- Replastering
  - function and performance
  - sands and additives.
  - Problems.

### Condensation:

- Relative humidity and dew point
- Surface condensation:
  - formation
  - moisture generation
  - mould growth
  - identifying and determining condensation
  - control
- Interstitial condensation:
  - definition
  - assessment
  - control

### Water penetration:

- above ground
- below ground

## Timber infestation\*

### Wood:

- Formation
- Structure.
  - macro and microscopic
- Durability and natural resistance
- Preservation

### Rots:

- Wood as a food source
- White and brown rots
  - properties and identification
  - damage
- Requirements for decay.

### Dry rot (*Serpula lacrymans*):

- Recognition
- Biology
- Control

### Wet rots:

- Coniophora puteana*
- Fibroporia vaillantii*
- Paxillus panuoides*
- Donkioporia expansa*
- Asterostroma spp.*
- Phellinus contiguus*
- Other fungi in buildings

### Wood boring insects:

- Life cycle and morphology
- Anobium punctatum*
  - 'Ambrosia' beetles
- Ernobius mollis*
- Xestobium rufovillosum*
- Lyctus brunneus*
- Hylotrupes bajulus*
- Forest longhorns
- Weevils
- Wood wasps

### Action and performance of remedial chemicals

\* = Samples of decay, insects and insect damage for study