

A History of Misunderstandings



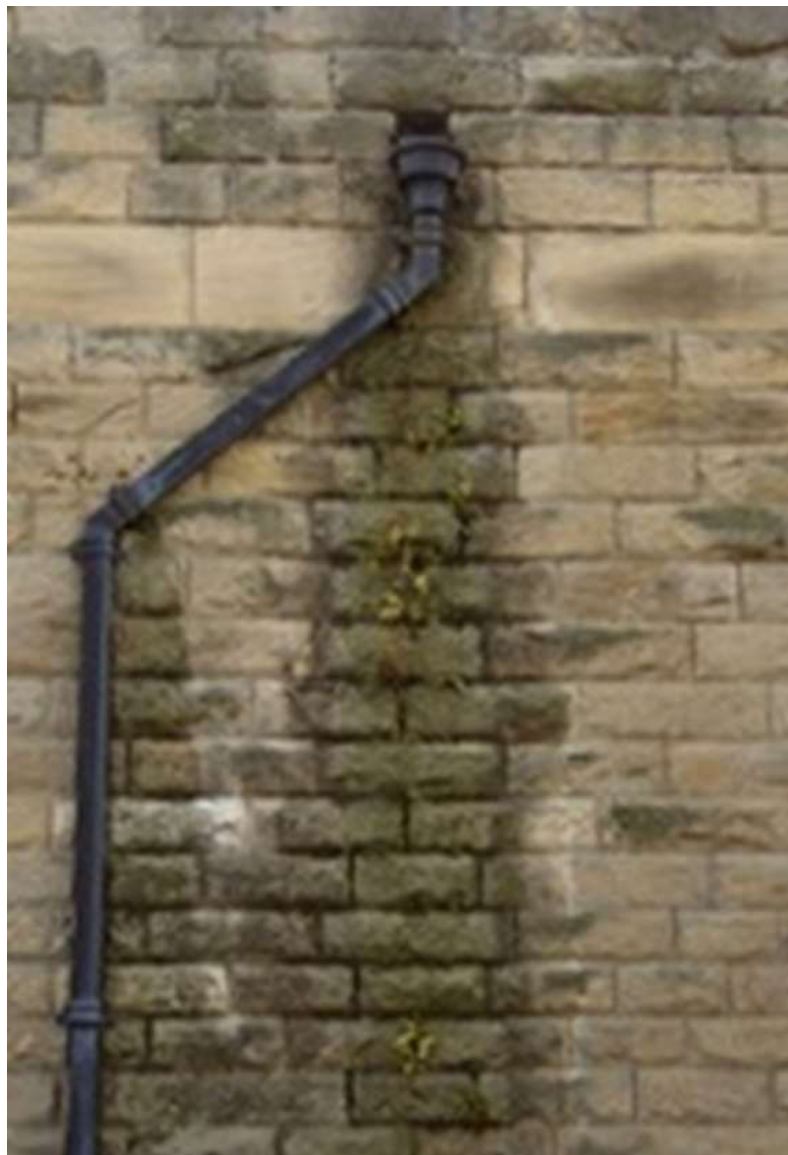
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What to look for when addressing repairs and maintenance issues

- Slipped/missing slates/roof tiles
- Slipped chimney flashings
- Unwanted foliage growth
- Defective or missing lime mortar
- Blocked gutters, defective guttering and downpipes
- Blocked drains
- Defective paint
- Windows/doors shut properly







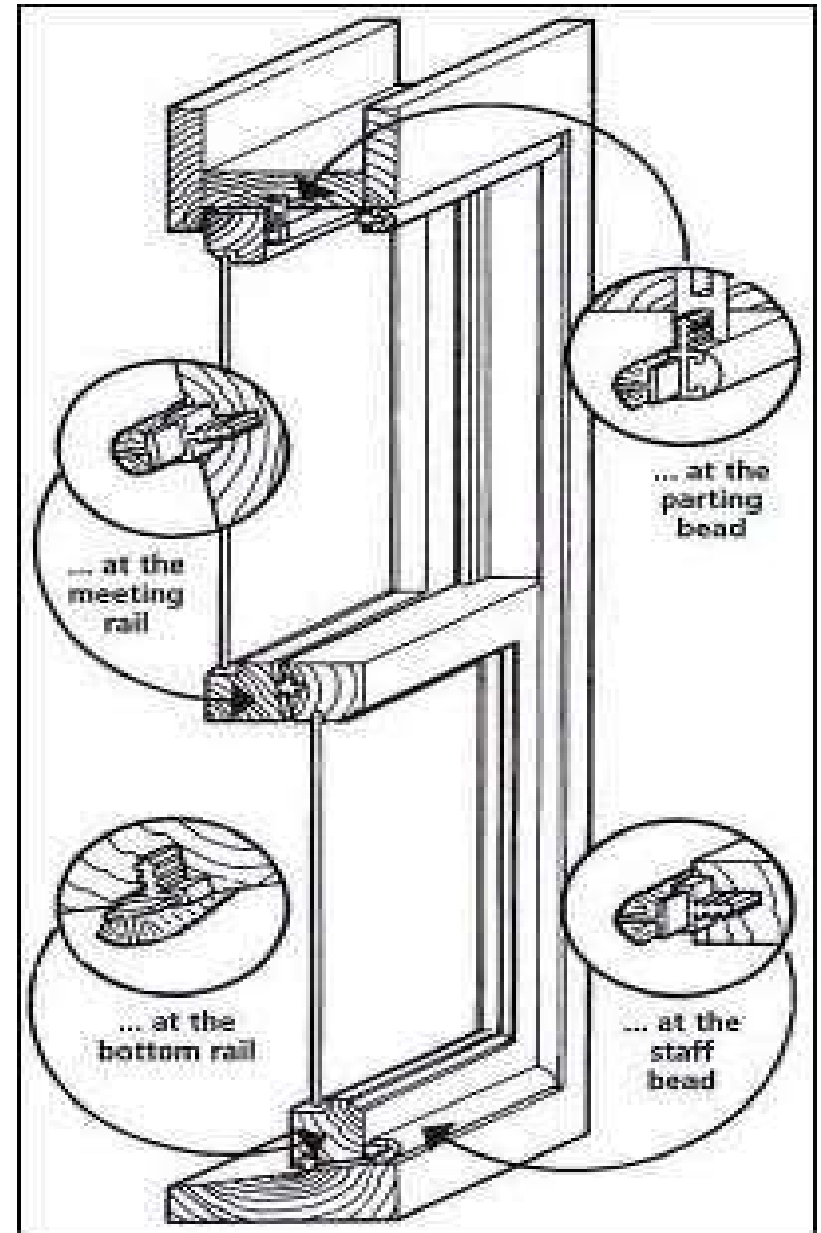


Traditional Windows/Secondary Windows v's Double Glazing

- Traditional window styles
- Maintenance
- Draft proofing
- Decorating
- Installing secondary glazing
- Secondary glazing styles – vertical, horizontal, lift out, hinged
- Double glazing
- Heat loss savings
- Aesthetics and character











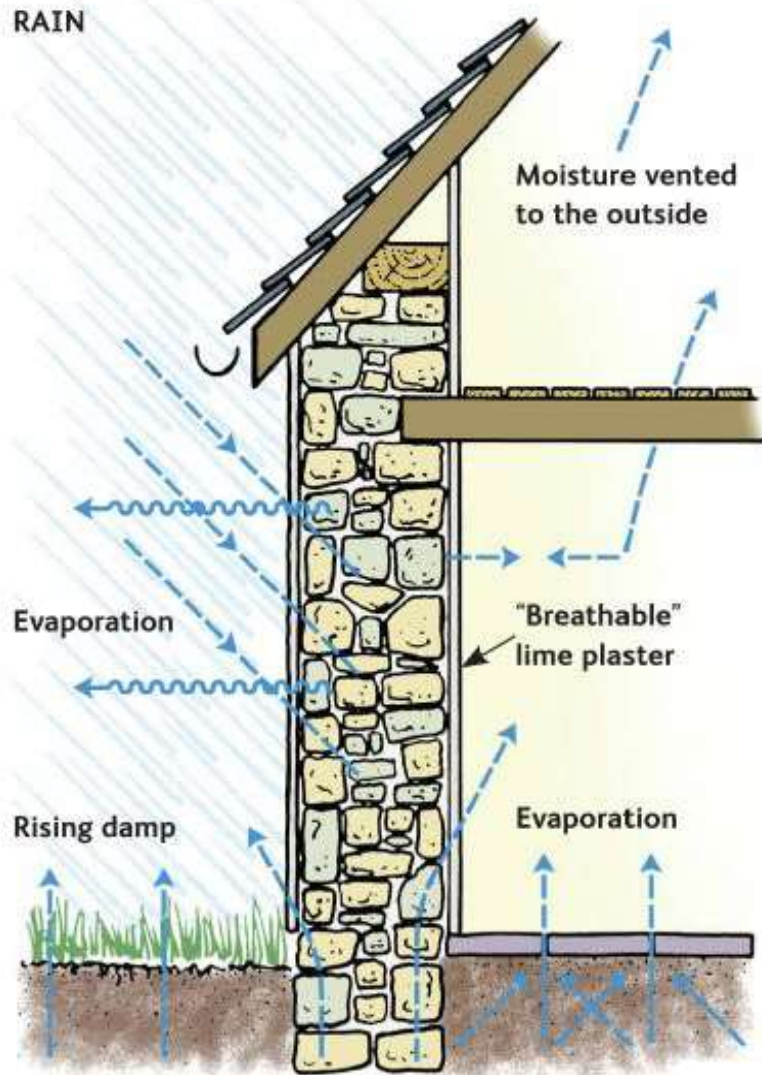
Reduction in heat loss	U-value	W/m ² K
Single glazing (centre of pane)	—	5.4
Heavy curtains	14%	3.2
Modern roller blind	22%	3.0
Victorian blind	28%	3.2
Duette honeycomb blind	36%	2.4
Modern roller blind with low-e film	45%	2.2
Shutters	51%	2.2
Double glazing (slim profile)	55%	1.9
Modified shutters	60%	1.6
Secondary glazing system	63%	1.7

Tanking in cement
v's

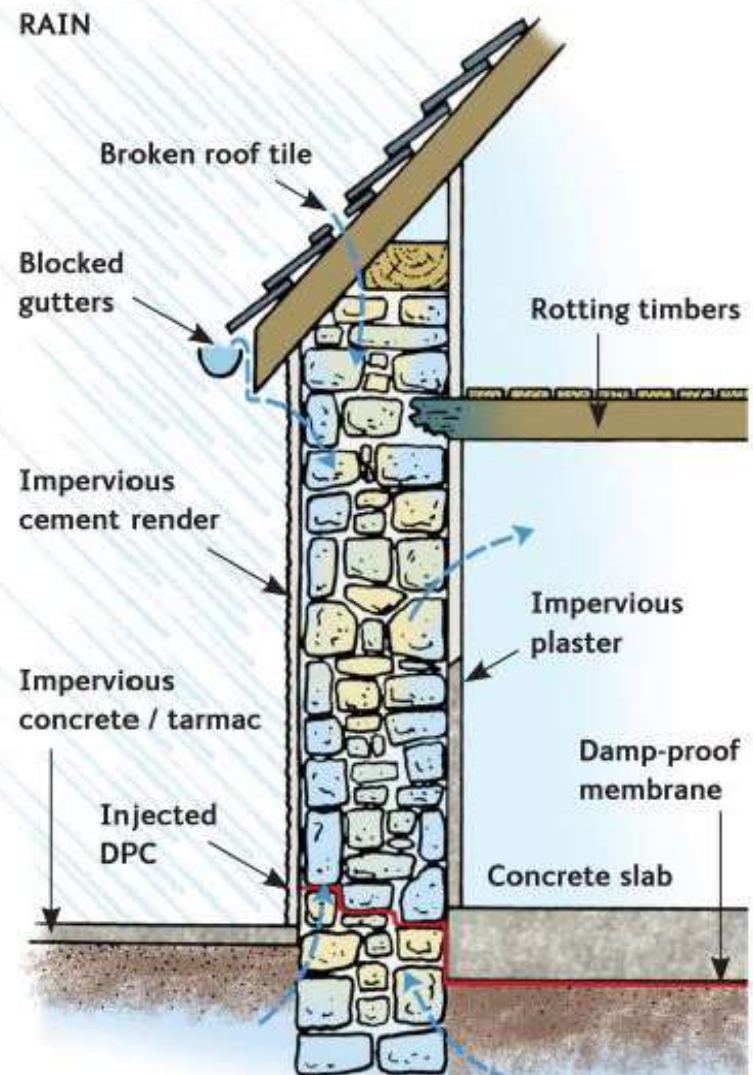
Repointing in lime

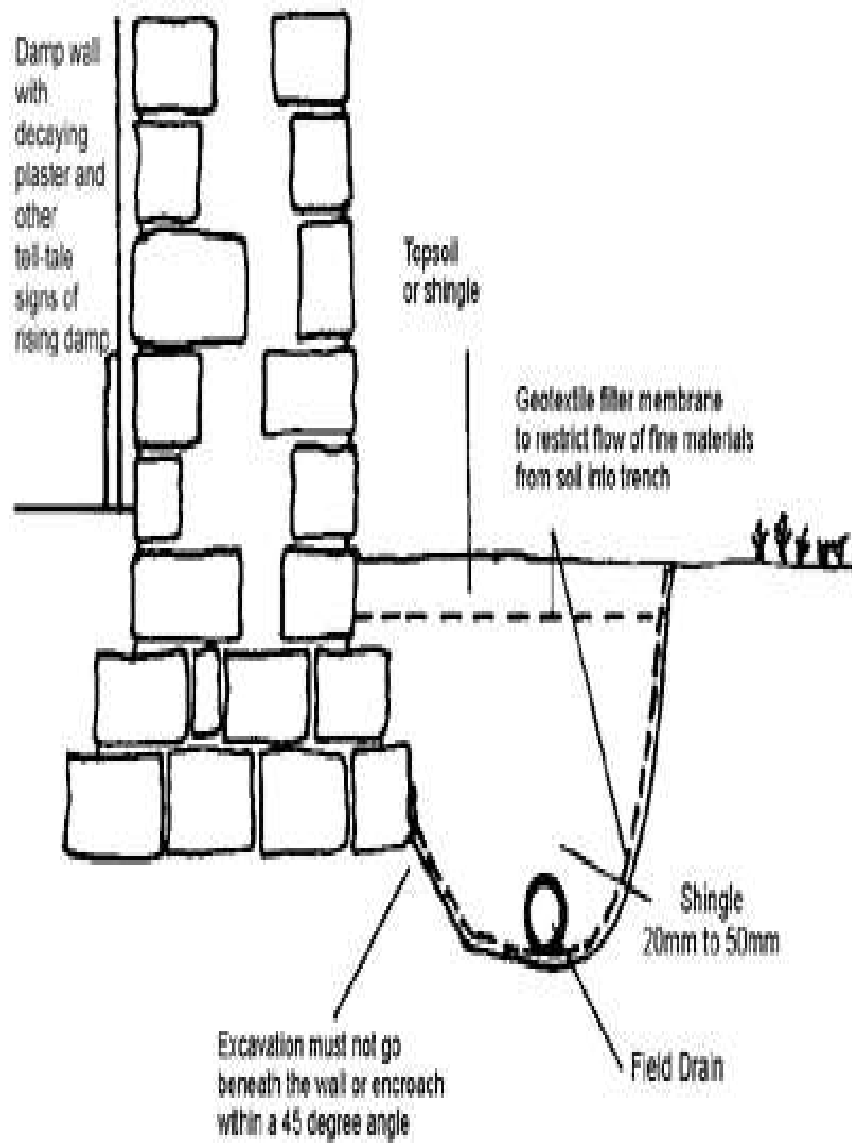
- Damp problems
- Liquid DPM's
- Cement tanking
- Breathability
- Lime pointing
- French drains

Traditional "breathable" solid wall



Results of using modern impermeable materials







The importance of saving features of pre 1919 buildings

- Pre 1919 buildings
- Listed buildings



