Site checklist for use of H+H Calculated Ψ-values EW102

EW102: Brick + 50mm Cavity + 75mm foil faced insulation (0.018W/mK) + 100mm Celcon Standard

Completed form to be returned to project SAP Assessor

PARTNERS IN WALL BUILDING

Site details:

External wall

	Yes	No
Are the inner leaves built using 100mm Celcon Standard blocks?		
Are the 125mm cavities insulated with 75mm (0.018W/mK) foil faced insulation?		
Are the internal finishes plasterboard on dabs?		

Note: H+H Calculated Ψ-values EW102 are only applicable if 'Yes' is answered to all of the above

Ground Floor

Floor insulation thickness (0.022W/mK conductivity)

Ensure floor insulation is fitted tightly to blockwork with no gaps

Select one option

100mm	125mm	150mm	Other (state)

Floor construction

Select one option

Cavity wall insulation continues at least 215mm below top of beam	150mm Beam and Celcon block infill	
Minimum 65mm screed with 20mm of edge insulation with conductivity of 0.025W/mK (or equivalent resistance of 0.8m²K/W)		
Cavity wall insulation continues at least 215mm below underside of slab	150mm Cast in-situ suspended concrete slab	
Cavity wall insulation continues at least 215mm below underside of slab	100mm Groundbearing concrete slab	
	Other	

Have Celcon Foundation blocks have been used below ground?

Yes	No

Note: H+H Calculated Ψ-values EW102-GF00, 01 and 02 are only applicable if Celcon Foundation blocks have been used,

Openings

Do window/door frames overlap cavity by 30mm minimum?

Yes	No

Cavity closers used

Note: H+H Calculated Ψ-values EW102-SL00, RV00 and LN00 are only applicable for these named closers

Eurocell Cavalok (fully insulated)	Kingspan Thermabate	Other

Lintels used (Select one option)

Catnic Thermally Broken Lintel		Independent inner and outer lintels	
Keystone / IG Hi-therm+ Lintel		Insulated open back lintel (max 3mm steel)	
		Insulated lintel (max 3mm steel) with continuous perforated base plate	
Note: H+H Calculated Ψ-values EW102- LN00 are not applicable for Other lintel types		Other	

Party walls (leave blank if not applicable)

	Select one option		Select one option
2 x 100mm Celcon Standard		75mm Fully filled cavity	
2 x 100mm Celcon High/Super Strength		100mm Fully filled cavity	
2 x 100mm Aggregate Concrete		150mm Fully filled cavity	

Roof

Insulation quilt to horizontal ceilings

Cavity wall insulation continues at least 200mm above top of roof insulation

Select one option

400mm	500mm	Other (state)

Insulation to sloping ceilings (leave blank if not applicable) minimum 50mm (0.022W/mK) beneath rafters +

150mm between (0.044W/mK)	100mm between (0.022W/mK)	150mm between (0.022W/mK)

Intermediate floors

Timber joists (leave blank if not applicable)

Select one option

195mm	240mm	300mm	Other (state)

Concrete planks (leave blank if not applicable)

150mm	225mm	Other (state)

Checklist completed by

(print name) (job title) (company name) (date)

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