

Site checklist for use of H+H Calculated Ψ -values EW001

EW001: Brick + 50mm Cavity + 50mm foil faced insulation (0.018W/mK) + 100mm Celcon Solar

Completed form to be returned to project SAP Assessor



Site details:

External wall

Are the inner leaves built using 100mm Celcon Solar blocks?

Are the 100mm cavities insulated with 50mm (0.018W/mK) foil faced insulation?

Are the internal finishes plasterboard on dabs?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Note: H+H Calculated Ψ -values EW001 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)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Floor construction

Cavity wall insulation continues at least 215mm below top of beam

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

Cavity wall insulation continues at least 215mm below underside of slab

Select one option

150mm Beam and Celcon block infill

150mm Cast in-situ suspended concrete slab

100mm Groundbearing concrete slab

Other

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

Have Celcon Foundation blocks have been used below ground?

Note: H+H Calculated Ψ -values EW001-GF00, 01 and 02 are only applicable if Celcon Foundation blocks have been used,

Openings

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

Cavity closers used

Note: H+H Calculated Ψ -values EW001-SL00, RV00 and LN00 are only applicable for these named closers

	Yes	No
Eurocell	<input type="checkbox"/>	<input type="checkbox"/>
Cavalok (fully insulated)	<input type="checkbox"/>	<input type="checkbox"/>
Kingspan Thermabate	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>

(Not I100HORCBX)

Lintels used (Select one option)

Catnic Thermally Broken Lintel

Keystone / IG Hi-therm+ Lintel

Independent inner and outer lintels

Insulated open back lintel (max 3mm steel)

Insulated lintel (max 3mm steel) with continuous perforated base plate

Other

Note: H+H Calculated Ψ -values EW001- LN00 are not applicable for Other lintel types

Party walls (leave blank if not applicable)

Select one option

2 x 100mm Celcon Standard

2 x 100mm Celcon High/Super Strength

2 x 100mm Aggregate Concrete

Select one option

75mm Fully filled cavity

100mm Fully filled cavity

150mm Fully filled cavity

Roof

Insulation quilt to horizontal ceilings

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

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

Select one option

400mm	500mm	Other (state)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Concrete planks (leave blank if not applicable)

150mm	225mm	Other (state)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Checklist completed by

(print name)

(job title)

(company name)

(date)

HH / EW001 / Checklist (A)

H+H UK Limited, Technical Services Department, Celcon House, Ightham, Sevenoaks, Kent TN15 9HZ

Tel: 01732 880580 e-mail: tsd@hhcelcon.co.uk