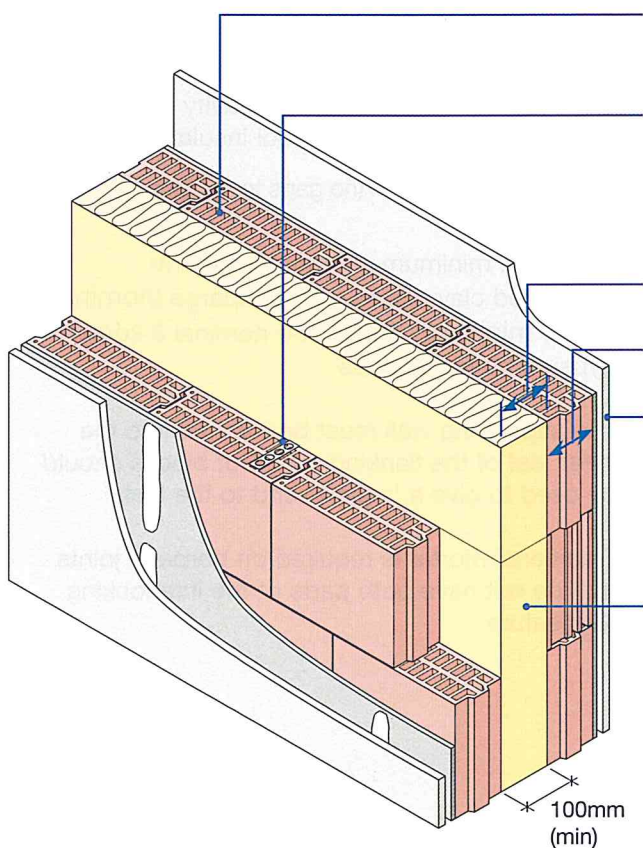


- Porotherm blocks - thin joint
- Insulated cavity
- Ecoparge and gypsum-based board (nominal 8 kg/m<sup>2</sup>) on dabs



<b>Block</b>	Minimum 100mm Porotherm perforated clay blocks
<b>Wall ties</b>	Wall ties, as approved list below, and installed at no more than 2.5 ties per square metre
<b>Cavity width</b>	100mm (min)
<b>Block thickness</b>	100mm (min), each leaf
<b>Wall finish</b>	Gypsum-based board (nominal 8 kg/m <sup>2</sup> ) mounted on dabs on Porotherm Ecoparge (nominal 4mm, minimum 3mm)
<b>Insulation</b>	Mineral wool rolls or batts, maximum 20 kg/m <sup>3</sup>
<b>External</b>	Porotherm inner leaf and masonry outer leaf with 50mm (min) cavity - clear, fully filled or partially filled with insulation

## IMPORTANT

Only the following wall ties may be used in this separating wall:

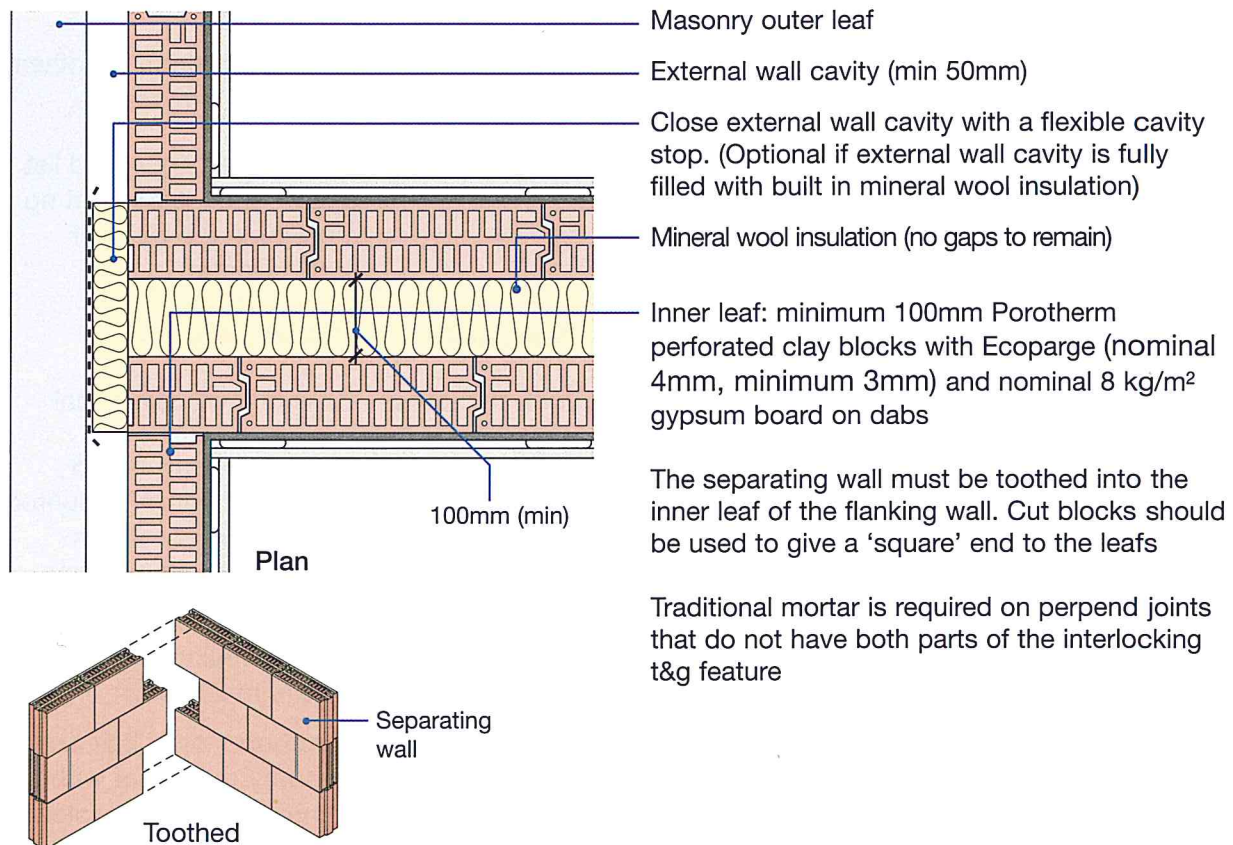
- Ancon Building Products CCBA 'Type A'

## DO

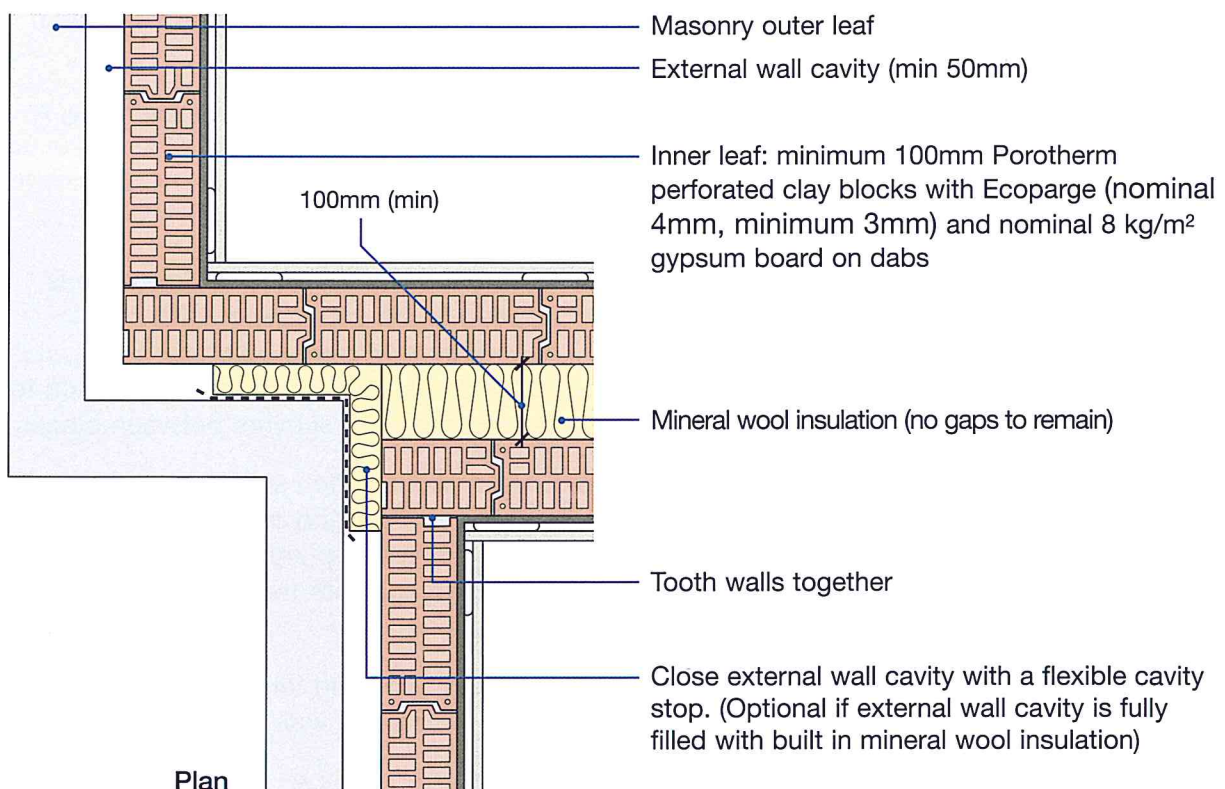
- Keep cavity, insulation and wall ties free from mortar droppings and debris
- Fully fill perpends joints with mortar when using cut blocks
- Make sure there is no connection between the two leaves except for wall ties, insulation and foundation
- Ensure that only Porotherm PTH blocks and Porotherm bed joint mortar are used in the construction of separating walls and flanking structures in accordance with manufacturer's instructions
- Ensure that the Porotherm Ecoparge is applied to the separating walls in accordance with manufacturer's instructions, paying particular attention to sealing the vertical joints between blocks
- Ensure all insulation sections are tightly butted together and half cuts are made with a clean sharp knife and are installed in accordance with the manufacturer's instructions
- Ensure no chasing for services are made in the separating wall leaves
- Refer to Appendix A



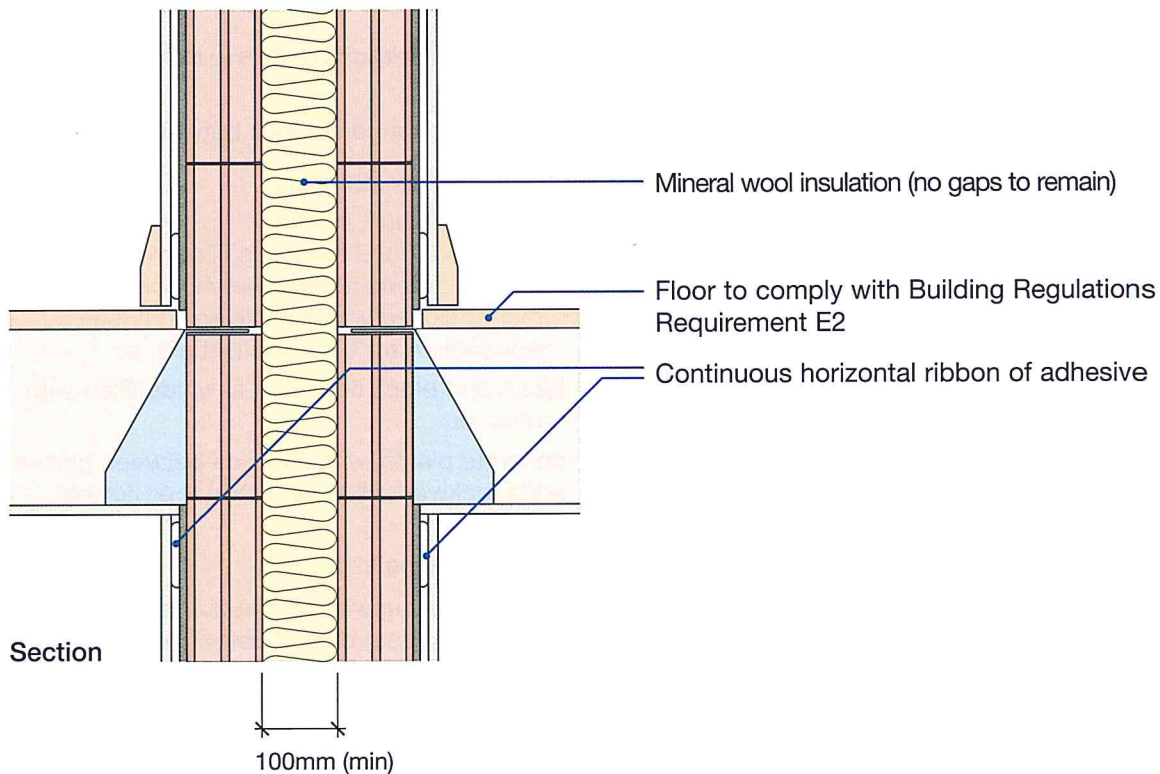
## 1. External (flanking) wall junction



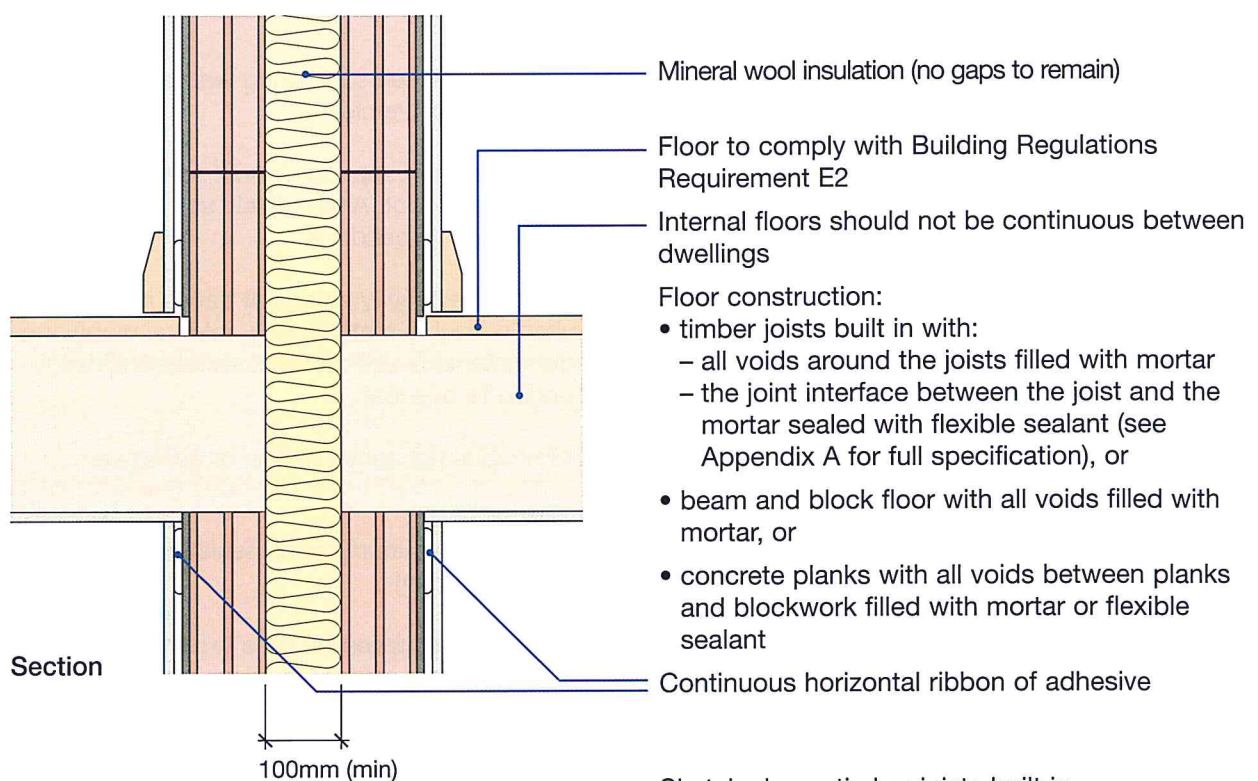
## 2. Staggered external (flanking) wall junction



## 3. Internal floor junction: timber floor supported on joist hangers



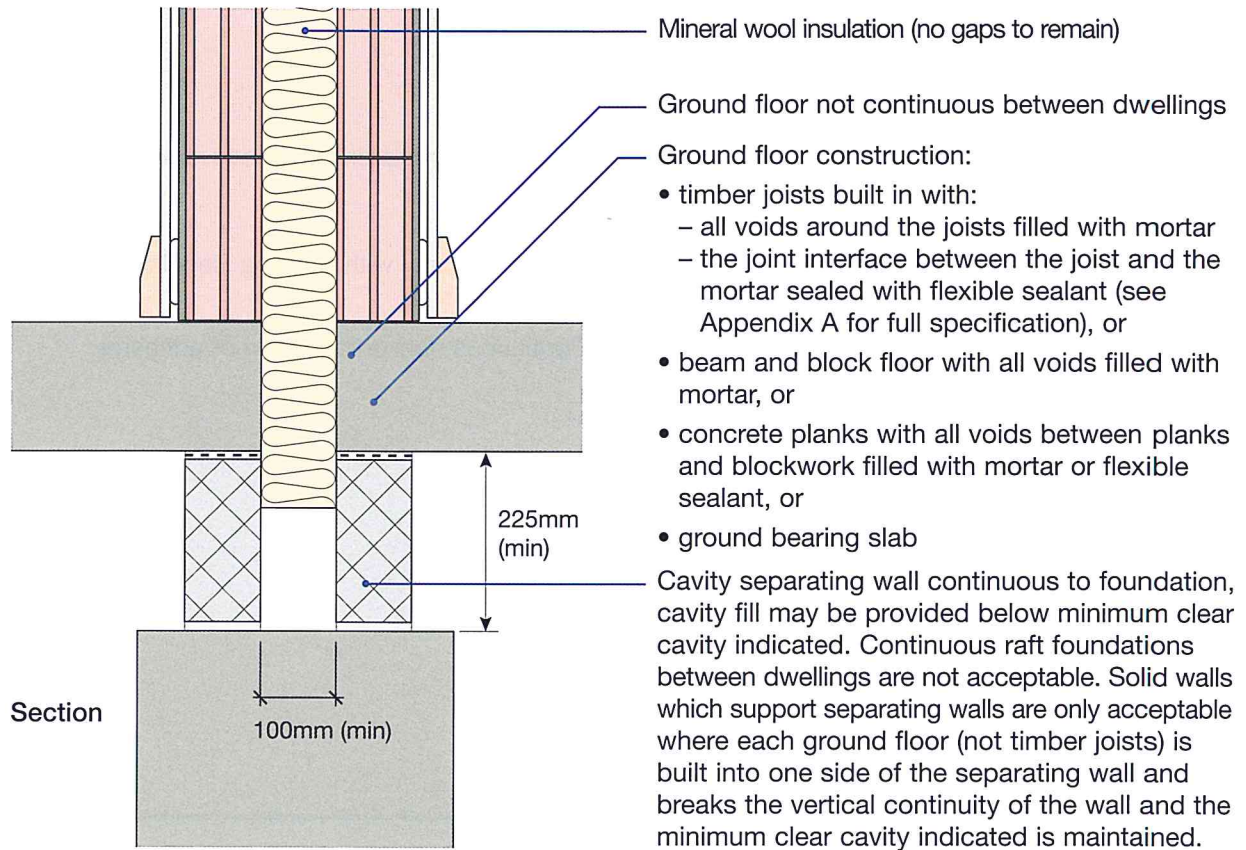
## 4. Internal floor junction: timber floor joists built in, beam and block or precast concrete



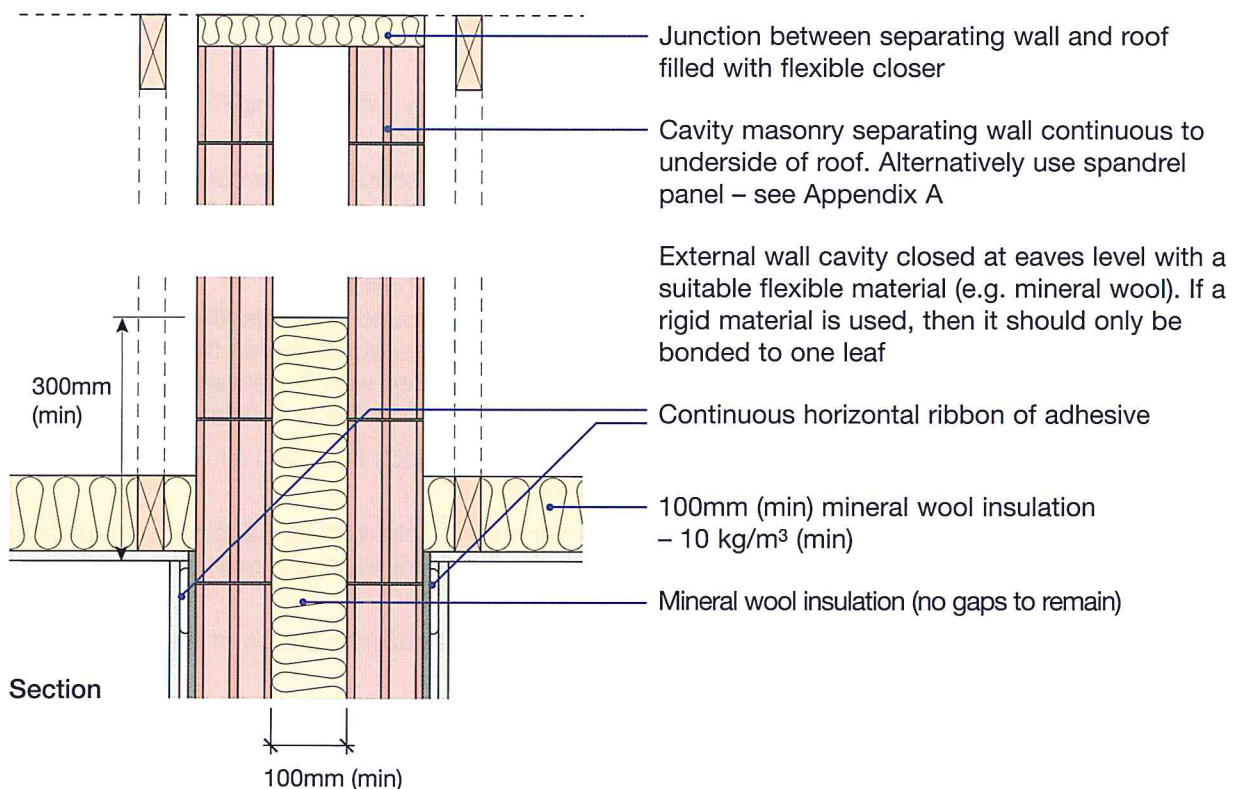
Sketch shows timber joists built in



## 5. Ground floor junction: timber floor, beam and block, precast concrete plank, cast in-situ suspended concrete slab or ground bearing concrete slab



## 6. Roof junction – pitched roof without room-in-roof



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See overleaf for checklist

## CHECKLIST (to be completed by site manager/supervisor)

Company: \_\_\_\_\_

Site: \_\_\_\_\_

Plot: \_\_\_\_\_

Site manager/supervisor: \_\_\_\_\_

Ref.	Item	Yes (✓)	No (✓)	Inspected (initials & date)
1.	Are 100mm (min) Porotherm blocks used in separating wall?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
2.	Is separating wall cavity at least 100mm?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
3.	Are only the named 'Type A' wall ties installed at no more than 2.5 ties per square metre in separating wall?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
4.	Are insulation sections tightly butted together?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
5.	Is cavity free from droppings and debris?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
6.	Is Ecoparge (nominal 4mm, minimum 3mm) applied to both leafs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
7.	Is the separating wall free from service chasing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
8.	Is external (flanking) wall inner leaf 100mm (min) Porotherm blocks with Ecoparge applied?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
9.	Is junction with flanking wall toothed using cut blocks and mortared perpend?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
10.	Is external (flanking) wall cavity at least 50mm?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
11.	Are cavity stops installed where specified in the robust detail™?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
12.	Are voids around floor joists fully filled/sealed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
13.	Are all junctions of wall and ceiling boards sealed with tape or caulked with sealant?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
14.	Is separating wall satisfactorily complete?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Contact details for technical assistance from Wienerberger, supplier of Porotherm products:

**Telephone: 0161 491 8200**

**Fax: 0161 491 6529**

**E-mail: Regional Tech Manager -  
see [www.wienerberger.co.uk/blocks](http://www.wienerberger.co.uk/blocks)  
for contact information**

**Notes** (include details of any corrective action)

Site manager/supervisor signature .....

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