Suitability of coping

<table>
<thead>
<tr>
<th>Type of coping</th>
<th>Masonry</th>
<th>Timber frame/Light steel frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural/reconstituted stone:</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Glass Reinforced Plastic (GRP)/prefomed steel/aluminium:</td>
<td></td>
<td></td>
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</tbody>
</table>

DPC

- Bitumen-based material (BS 6398)
- Independently assessed (accepted by NHBC)
- Lead bituminous coated both sides (min code 4)

Ensure DPC extends across full cavity and is fully supported (figure 1)

Note: Bituminous coating not required to plastic DPC where GRP copings are installed (please note that this was added in V2 but was removed when we received v3)

Joints to horizontal DPC’s should be sealed or welded. (Lapped joints only are unacceptable)

Ensure joints to raking DPC’s are lapped where fixings penetrate the lower DPC (fig 2 & 3)

Natural/reconstituted stone fixing method

Fixing specification on site: Yes / No

If no, ensure this is made available prior to commencement of work

The brackets and fixings shall be stainless steel, of the appropriate durability for the location (e.g. Type 304 to BS EN 10088-22) and be of suitable length and gauge.

Example of stainless steel ‘L’ shaped brackets with dowel bars that fit into restraint holes on the end face of copings installed to the rake of a roof that is acceptable to NHBC.
**Cavity trays and abutments**

Where there is an exposed wall between the flashing and coping, a cavity tray should be installed. (figure 5)

Are there any plots with copings that form an abutment? Yes / No

Ensure the abutment detail is correctly formed. Figures 6 to 9 provide examples of an acceptable detail.

![Diagram of cavity tray and abutment](image)

**Differential movement in timber frame that needs to be accounted for (See figure 10)**

<table>
<thead>
<tr>
<th>Number of storeys</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>3+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid joists:</td>
<td>25mm</td>
<td>40mm</td>
<td>50mm</td>
<td>Calc</td>
</tr>
<tr>
<td>Engineered joists:</td>
<td>20mm</td>
<td>30mm</td>
<td>40mm</td>
<td>Calc</td>
</tr>
</tbody>
</table>