Figure 7.5 — Key for vertical walls

NOTE 1 The values of $c_{pa,10}$ and $c_{pa,1}$ may be given in the National Annex. The recommended values are given in Table 7.1, depending on the ratio $h/d$. For intermediate values of $h/d$, linear interpolation may be applied. The values of Table 7.1 also apply to walls of buildings with inclined roofs, such as cuopitch and monopitch roofs.
Table 7.1 — Recommended values of external pressure coefficients for vertical walls of rectangular plan buildings

<table>
<thead>
<tr>
<th>Zone</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>( C_{p_{w,10}} )</td>
<td>( C_{p_{w,1}} )</td>
<td>( C_{p_{w,10}} )</td>
<td>( C_{p_{w,1}} )</td>
<td>( C_{p_{w,10}} )</td>
</tr>
<tr>
<td>( h/d )</td>
<td>( c_{p_{w,10}} )</td>
<td>( c_{p_{w,1}} )</td>
<td>( c_{p_{w,10}} )</td>
<td>( c_{p_{w,1}} )</td>
<td>( c_{p_{w,10}} )</td>
</tr>
<tr>
<td>5</td>
<td>-1.2</td>
<td>-1.4</td>
<td>-0.8</td>
<td>-1.1</td>
<td>-0.5</td>
</tr>
<tr>
<td>1</td>
<td>-1.2</td>
<td>-1.4</td>
<td>-0.8</td>
<td>-1.1</td>
<td>-0.5</td>
</tr>
<tr>
<td>( \leq 0.25 )</td>
<td>-1.2</td>
<td>-1.4</td>
<td>-0.8</td>
<td>-1.1</td>
<td>-0.5</td>
</tr>
</tbody>
</table>

**NOTE** 2 For buildings with \( h/d > 5 \), the total wind loading may be based on the provisions given in 7.6 to 7.8 and 7.9.2.

(3) In cases where the wind force on building structures is determined by application of the pressure coefficients \( c_{p_{w}} \) on windward and leeward side (zones D and E) of the building simultaneously, the lack of correlation of wind pressures between the windward and leeward side may have to be taken into account.

**NOTE** The lack of correlation of wind pressures between the windward and leeward side may be considered as follows. For buildings with \( h/d \geq 5 \) the resulting force is multiplied by 1. For buildings with \( h/d \leq 1 \), the resulting force is multiplied by 0.85. For intermediate values of \( h/d \), linear interpolation may be applied.

### 7.2.3 Flat roofs

(1) Flat roofs are defined as having a slope \( \alpha \) of \(-5^\circ < \alpha < 5^\circ\)

**NOTE** (2) The roof should be divided in zones.

**NOTE** The zones may be defined by the National Annex.
The recommended zones are given in Figure 7.6.

(3) The reference height for flat roof and roofs with curved or mansard eaves should be taken as \( h \). The reference height for flat roofs with parapets should be taken as \( h + h_{p} \), see Figure 7.6.

**NOTE** (4) Pressure coefficients should be defined for each zone.

**NOTE** 1 The pressure coefficients may be set by the National Annex.
The recommended values are given in Table 7.2.

**NOTE** 2 The resulting pressure coefficient on the parapet should be determined using 7.4.