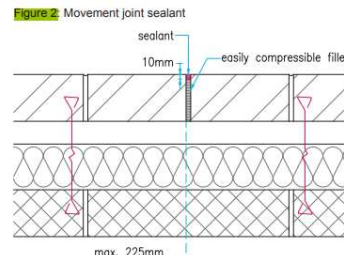


QUALITY ALERT

Created By: Sam James (Quality Manager)

Authorised By: Michael Clorley (Director)

Business:	MIDA Civil Engineering Ltd		ALERT									
Title:	Movement Joints Below DPC	Reference No:	QA22									
Issued By:	Sam James	Issue Date:	13 th June 2024									
Type of Alert:	Quality & Compliance											
Subject:	Movement Joint requirements below DPC and when required											
Operatives Affected:	Groundworkers/Bricklayers											
Details:	Where a movement joint is shown on a house type drawing this is only normally required to be taken below DPC when DPC is 600mm or more above ground level (under build). Wall ties also need to be 225mm from movement joint and spaced vertically 300mm maximum	1. Where the DPC is less than 600mm above ground level, movement joints for expansion do not generally need to extend below the DPC. 2. Where the DPC is more than 600mm above ground level, consideration should be given to continuing the expansion joint through the masonry below the DPC.										
Action Required:	If the clients designs show movement joints on the drawings check if underbuild is over 600mm and continue movement joint in outer brickwork skin and install wall ties to spacings as shown below											
Further Information:	NHBC 6.1.18 Wall ties, bed joint reinforcements and windposts NHBC Technical Guidance Note 6.1/11 Feb 2024	Figure 2: Movement joint sealant  <table><tr><th></th><th>Maximum horizontal spacing (mm)</th><th>Maximum vertical spacing (mm)</th></tr><tr><td>General wall area</td><td>900</td><td>450</td></tr><tr><td>Jamb openings, movement joints, etc</td><td>Within 225 of opening</td><td>Not more than 300⁽¹⁾</td></tr></table>			Maximum horizontal spacing (mm)	Maximum vertical spacing (mm)	General wall area	900	450	Jamb openings, movement joints, etc	Within 225 of opening	Not more than 300 ⁽¹⁾
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General wall area	900	450										
Jamb openings, movement joints, etc	Within 225 of opening	Not more than 300 ⁽¹⁾										
Method for Communication:	Briefing by Site Manager to groundworkers and bricklayers via TBT Alert											