

QUALITY ALERT

Created By: Sam James (Quality Manager)

Authorised By: Michael Clorley (Director)

Business:	MIDA Civil Engineering Ltd		ALERT																		
Title:	Wall Tie Spacings	Reference No:	QA16																		
Issued By:	Sam James	Issue Date:	07/09/23																		
Type of Alert:	Quality & Compliance																				
Subject:	Correct Understanding of Wall Tie spacings and positioning																				
Operatives Affected:	Bricklayers/groundworkers																				
Details:	The maximum horizontal spacing is <u>900mm</u> and the maximum vertical spacing is <u>450mm</u> Set each wall tie a minimum of <u>50mm</u> into both masonry leaves. Lay the wall ties to a slight fall to outer leaf wall to prevent water passing to the inner leaf and drip down.	Some clients may have specific lesser spacings on their drawings, which needs to be checked, but if you follow these dimensions NHBC will not mark you down																			
Action Required:	Check Wall ties as laid on site for compliance and discuss with bricklayers if incorrect																				
Further Information:	NHBC Standards 6.1.18 Extract to right <table><tr><th colspan="3">Table 10: Spacing of wall ties</th></tr><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><tr><td>Top of gable walls</td><td>225 (parallel to the top of the wall)</td><td>Not more than 300⁽²⁾</td></tr><tr><td>Top and bottom of openings</td><td>450</td><td>N/A</td></tr></table>			Table 10: Spacing of wall ties				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⁾	Top of gable walls	225 (parallel to the top of the wall)	Not more than 300 ⁽²⁾	Top and bottom of openings	450	N/A
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Method for Communication:	Briefing by Site Manager to bricklayers via TBT Alert to be put up in site office and canteen																				