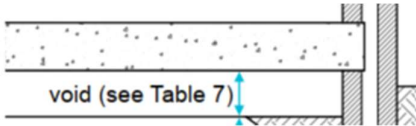


QUALITY ALERT

Created By: Ben James (Quality Manager)

Authorised By: James Brown (Director)

Business:	MIDA Civil Engineering Ltd			ALERT																
Title:	Underfloor Voids with Precast Floors Beams	Reference No:	QA56																	
Issued By:	Sam James	Issue Date:	15/07/26																	
Type of Alert:	Quality & Compliance																			
Subject:	Underfloor voids with precast floor beams																			
Operatives Affected:	Site Managers Contracts managers																			
Details:	NHBC Require a minimum 150mm clear void however in medium and high shrinkage soils this needs increasing, we are finding NHBC check this on a regular basis now and we need to be compliant	<table><caption>Table 7: Void dimensions</caption><thead><tr><th>Volume change potential</th><th>Void dimension against side of foundation and ground beam</th><th>Void dimension under ground beams, and suspended in-situ concrete ground floor</th><th>Void dimension under suspended precast concrete and timber floors⁽¹⁾</th></tr></thead><tbody><tr><td>High</td><td>35mm</td><td>150mm</td><td>300mm</td></tr><tr><td>Medium</td><td>25mm</td><td>100mm</td><td>250mm</td></tr><tr><td>Low</td><td>0mm</td><td>50mm</td><td>200mm</td></tr></tbody></table>			Volume change potential	Void dimension against side of foundation and ground beam	Void dimension under ground beams, and suspended in-situ concrete ground floor	Void dimension under suspended precast concrete and timber floors ⁽¹⁾	High	35mm	150mm	300mm	Medium	25mm	100mm	250mm	Low	0mm	50mm	200mm
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High	35mm	150mm	300mm																	
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Action Required:	Ensure voids are as per design and follow NHBC requirements																			
Further Information:	NHBC Standards 4.2.10.4 Heave Protection table 10																			
Method for Communication:	Briefing by Site Manager to groundworkers via TBT Alert																			