

QUALITY ALERT

Created By: Sam James (Head of ETQ)

Authorised By: James Brown (Director)

Business:	MIDA Civil Engineering Ltd		ALERT												
Title:	Insulation of Water Services and type to be used	Reference No:	QA30												
Issued By:	Sam James	Issue Date:	16 th Sept 2024												
Type of Alert:	Quality & Compliance														
Subject:	Correct specification of Water Pipe insulation														
Operatives Affected:	Groundworkers														
Details:	It was noted by NHBC on a visit as an RI the insulation thickness was incorrect on the water service pipes this needs to be 19mm thickness for 25mm pipe														
Action Required:	Ensure when ordering and Procurement aware the water insulation needs to be 19mm thickness at all times unless specified differently														
Further Information:	NHBC 8.1 Internal Services NHBC 8.1.3.4 Protection from The Cold	 <table><tr><th colspan="2">Quick Guide to Water Byelaw 49</th></tr><tr><th>Pipe Overall Diameter (mm)</th><th>Wall Thickness (mm) Improved Thermal Conductivity (0.034 W/mK at 0°C)</th></tr><tr><td>15</td><td>25</td></tr><tr><td>22</td><td>19</td></tr><tr><td>28</td><td>19</td></tr><tr><td>35-76</td><td>9</td></tr></table>		Quick Guide to Water Byelaw 49		Pipe Overall Diameter (mm)	Wall Thickness (mm) Improved Thermal Conductivity (0.034 W/mK at 0°C)	15	25	22	19	28	19	35-76	9
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Method for Communication:	Briefing by Site Manager to groundworkers via TBT Alert														