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e	DO NOT SCALE - IF IN DOU		ASK	
cm ³	Notice: This drawing is issued only as a guideline and is an estimate of the materials required to construct the drainage system, it should not be used for construction purposes.			
	Graf UK Lithmaks no warrant or guarantee in relation to the suitability of any of the layout details shown on this drawing in relation to a particular scheme.			
	INSTALLATION METHOD:-			
	1. a) Excavate the trench with a safe batter (or stepped) ensuring the			
	footprint allows for sufficient space between tank and th (minimum 500mm around all sides of the tank).	ie side	es.	
se	 b) Mark out the position of the tank including inlets and c) Lay min. 50mm of single sized non angular stone 	outlet	S.	
ended	(8 to 16mm) as a base for the tank. This can be laid to a of 1°.	maxii	num fall	
	2. a) Lay the Geotextile over the base of the excavation, overlapping any			
	joins by a minimum of 300mm b) Lay the Membrane on top of the Geotextile over the	base	and up	
	the sides of the trench. c) Membrane must be joined by thermal fusion heated	wedge	e welding.	
	It is recommended that the Dual Seam method is used a generates an unwelded channel which can be pressure			
	check the integrity of the weld. d) The Membrane and Geotextile used must meet the s	specifi	cation	
	stated on the drawing.			
	 a) Assemble EooBloc Maxx Crate and Baseplate, position leg ends into corresponding holes in the Baseplate. The crate will only fit in the correct orientation. Push down firmly to ensure Crate is located correctly. 			
	b) Install already assembled Crates and Baseplates onto the membrane until the first layer is complete. Insert retaining clips into			
	each adjacent Crate. c) To install the next layer of Crates remove from the stack and turn			
	90° and position directly above the Crate below. Push down firmly to ensure Crate is located correctly.			
	 d) Continue until all Crates have been installed, ensuring clips are used to secure each Crate. 			
	e) Fit Endplates to the sides of each Crate by positioning the bottom in place then pushing firmly on the top section to locate into place.			
	 a) Fix adaptor plates to the sides of the crates in the required position for the inlet and outlet pipes. b) Cut a hole in the Geomembrane and pull up over the adaptor plate position the properties of the adaptor plate plate. 			
	 sealing the membrane around the spigot of the adaptor plate. c) Pull Membrane up around the sides and fully wrap the crates, securing the lid in place by heated wedge welding to the side panels. 			
	 d) Cover the top and sides with Geotextile to protect the Geomembrane. 		puncio.	
	 e) Install vent pipe connection into the top of the tank at a suitable location. 			
	f) Backfill around the tank and for 100mm above with non-angular stone. Backfill to finished ground level with suitable material in layers.			
	 g) Connect inlet/outlet pipes using appropriate bandseals. h) In order to prevent silt from entering the tank it is recommended 			
	that silt traps or catchpit manholes are installed upstream of any inlet. These should be regularly maintained to avoid the buildup of any silt.			
	N.B. Installation method may vary depending on denth of the tank and is			
	N.B. Installation method may vary depending on depth of the tank and is project specific. For more information or technical questions please contact our Technical Department at Graf UK.			
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	P3 REVISED NOTES	AP	21.09.22	
	P2 LATEST REVISION	AP	15.03.21	
	REV. DESCRIPTION	BY	DATE	
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	DRAWN : DB DATE : 05.10.2018			
	CHECKED : MC SCALE : VARIOUS@A3 PROJECT GRAF STANDARD DETAILS DESCRIPTION ATTENUATION TANK			
	using GRAF ECOBLOC MAXX			
	DRAWING No. REV.			
			P3	
			(Pg.2)	