

5 6		
nmendations for BS EN 1433:2002 load class requirements.		
vertical and lateral loads depends upon A) ground conditions B) stability of the adjacent commended installation detail may require the minimum dimensions to be revised to above).		A
angle and butting them together with appropriate sealant (e.g. Sikaflex 11F be formed so that gratings do not have to be cut. Angles can be formed by o outlet endcaps. For further details please contact ACO Design Services Ter iot recommended in vehicular areas.	connecting	
ent. An isolation joint must be positioned up to 1500mm from the channel wall. Any dowel wall. Other isolation joints in surrounding slab must be continued through the channel. fier requirements.		
ab it is necessary to cut a suitably sized pocket in the slab. The channel will kness (this may vary depending on the type of mortar used). Engineering a		В
s laid. In any temporary condition, i.e. with the channel walls projecting above adjacent stone fill or cover plates will not protect the channel walls or grating. A temporary I locally, to 3 - 6mm above top of channel, either side of a channel for a distance of 750 hould be adequate to carry the site traffic.		
igainst a channel must be laid as a soldier course and restrained from movement by mer modified mortar for bed and perpendicular joints (e.g. RonaBond Bedding Mortar or nnel should be set at a higher level to compensate for possible settlement of the paving		
red, using an appropriate grate lock system (where available).		С
D channel. The installer must ensure that the finished surface level lies about the finished surface level lies about the surface concreting the haunch or laying blocks, removes the time and the embedded stones.		
rfaces are to be sealed, an appropriate sealant should be used (e.g. Sikaflex 11FC or or priming should be sought from the sealant manufacturer.		
from dust, oil, and grease, with any loose material or dirt removed, e.g. by mechanical		
y and with no flaws. The detail on the ends of a channel varies from one product to		D
a layer approximately 5mm thick to one face of the joint. ply the sealant in a bead of approximately 10mm diameter into the sealing groove. pe of the channel - apply the sealant to the end face of the channel and to the ed, the sealant will both cover the end face and fill the groove. Increte bedding and pressed against the previously placed channel unit. A sealed joint of adjacent channel units.		
ich time the sealant should be kept as dry as possible.		
resistance to concrete and mortar products but may experience corrosion ality concrete and consider using corrosion inhibitors where necessary. The rosion.		
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	Name	_
1	Revision: A	
ACO ROADDRAIN PD100F 30.0 CHANNEL INSTALLATION DETAIL DRAWING		F
Units: mm	Format: A3	
	Scale: 1:10	
nation contained in this drawing is copyright property of ACO nologies plc. Any reproduction in part or whole without written permission of ACO Technologies plc is prohibited	Sheet: 1 of 1	