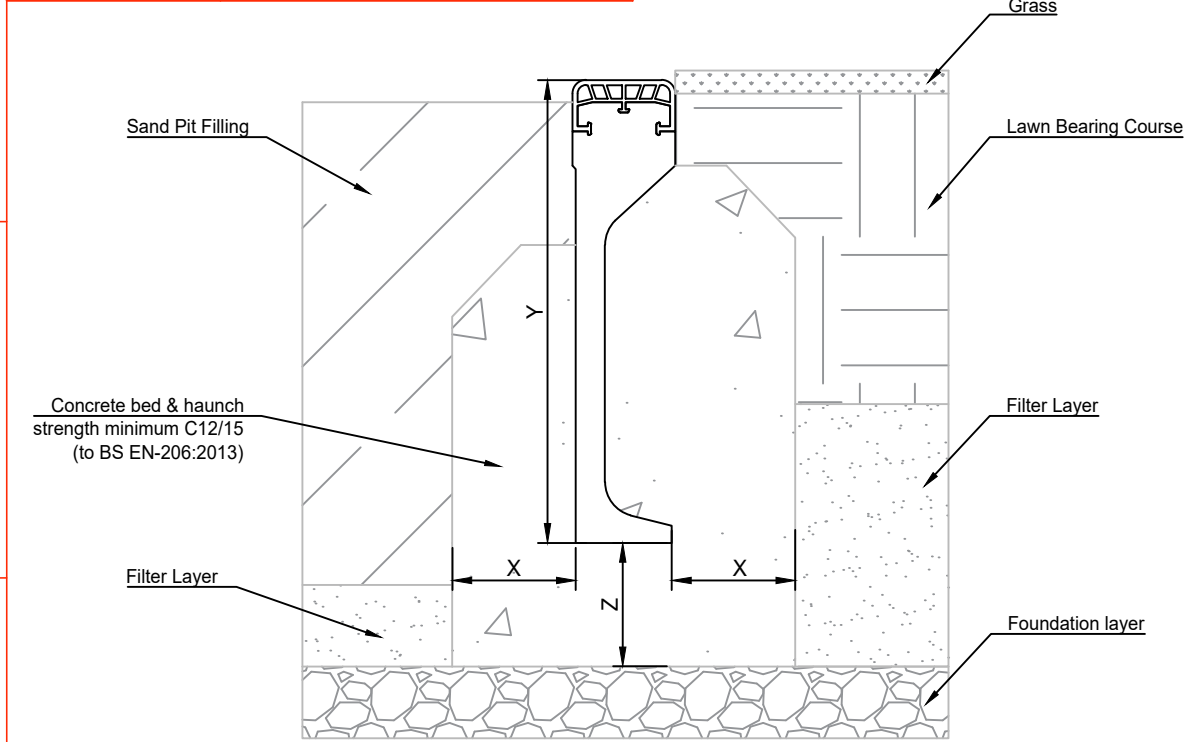


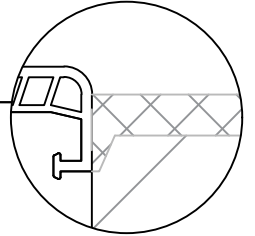
Minimum Dimensions (mm)	X	80
	Y	Full Channel Height (Less Y2 where applicable)
	Z	80
Maximum Dimensions (mm)	Y2	13



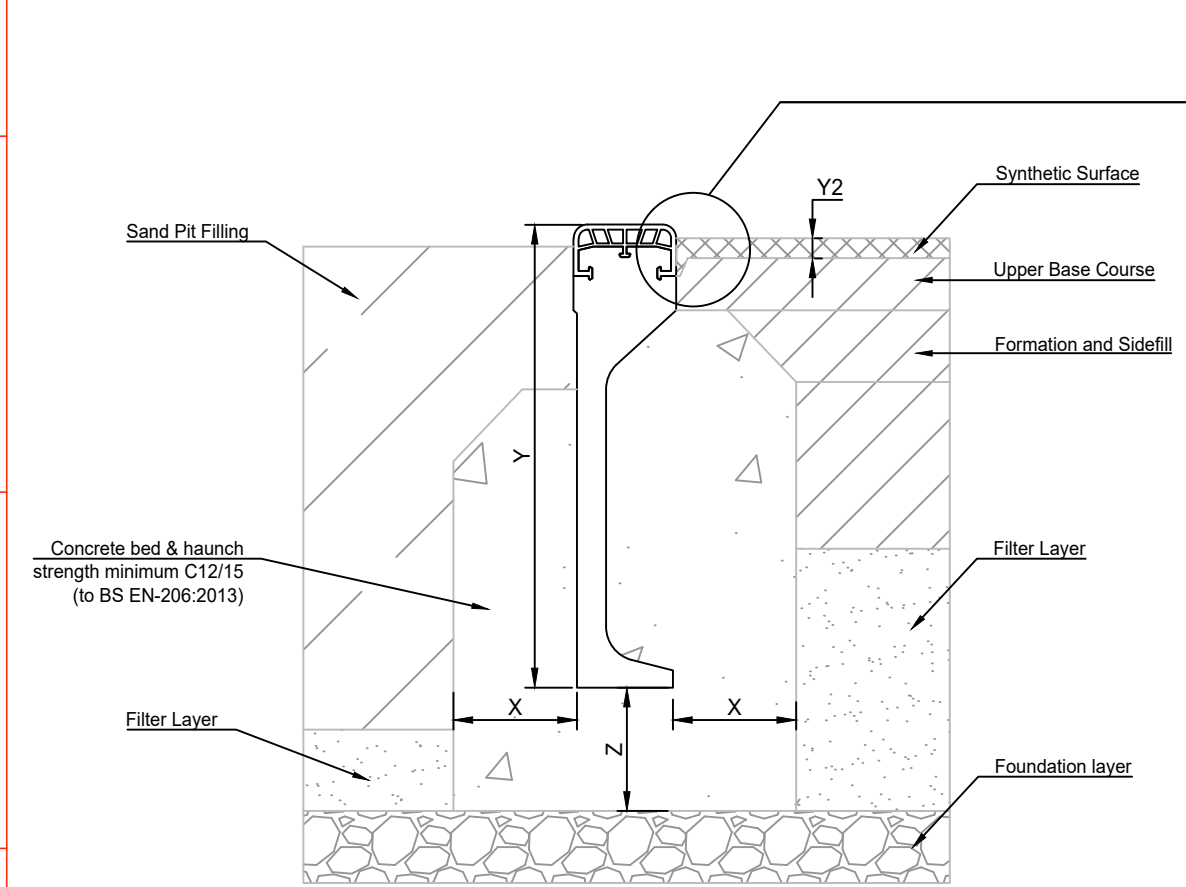
Installation Detail: Sand pit, beach volleyball and playground setting.

Product Name	Product Code	
	Black	White
Sport KerbStone 200mm height 50mm width	01690	01689
Sport KerbStone 200mm height 60mm width	01034	00961
Sport KerbStone 200mm height 100mm width	01773	N/A
Sport KerbStone 250mm height 50mm width	01035	00962
Sport KerbStone 250mm height 100mm width	01774	N/A
Sport KerbStone 300mm height 60mm width	01036	00963
Sport KerbStone 300mm height 60mm width 500mm length	01573	01571
Sport KerbStone 400mm height 60mm width	01037	00964
Sport KerbStone 400mm height 60mm width 500mm length	01574	01572
Sport KerbStone Corner 50mm width 250mm height	01041	00968
Sport KerbStone Corner 60mm width 300mm height	01380	00969
Sport KerbStone Corner 60mm width 400mm height	01042	01381

Table of Parts



Detail A (See notes)



Installation Detail: Sand pit and playground surrounding.

NBS Specification:
ACO Sport Kerbstone™ be specified in section Q10:180. Assistance in completing this clause can be found in ACO Technologies product entries in NBS Plus, or a model specification can be downloaded from www.aco.co.uk. For further assistance, contact the ACO Water Management Design Services Team.

Best Practice and Workmanship:
ACO can give guidance with respect to the most suitable methods of installation for each of the products in the ACO Sport Kerbstone™ range. ACO Sport Kerbstone™ should be installed using levels of workmanship that accord with the National Code of Practice (UK: BS8000-0:2014) and IAAF Guidelines.

Detailed installation statements and methodologies will vary for all sites as each will have different aspects deserving particular consideration, consequently the relevant approvals should be sought from the consulting engineer and/or the installer.

1.0 Load Class
Installation recommendations shown are ACO minimum recommendations for BS EN 1433:2002 load class requirements.

2.0 Ground Conditions
The long term performance of a channel installation to sustain vertical and lateral loads depends upon A) ground conditions B) stability of the adjacent pavement and C) a durable concrete bed and surround. The recommended installation detail may require the minimum dimensions to be revised to achieve site specific load class requirements (referred to in 1.0 above).

3.0 Cutting and Jointing
Mitre joints are formed by cutting the channels to the required angle and butting them together with appropriate sealant (e.g. Sikaflex 11FC or similar) or ACO Repair Kit. For further details please contact ACO Design Services Team.

4.0 Isolation Joints
The channel must be isolated from the surrounding environment. An isolation joint must be positioned up to 1500mm from the channel wall. Any dowel bars must be located no nearer than 150mm from the channel wall. Other isolation joints in surrounding slab must be continued through the channel. Additional crack control may be required to comply with specified requirements.

5.0 Installation into in-situ Slab
Where a channel is to be installed into an existing concrete slab it is necessary to cut a suitably sized pocket in the slab. The channel will then need to be bedded in polymer modified mortar of 25mm minimum thickness (this may vary depending on the type of mortar used). Engineering advice may be necessary.

6.0 Temporary Installation
A KerbStone installation is not complete until the final surfacing is laid. In any temporary condition, i.e. with the channel walls projecting above adjacent ground, site traffic should not cross KerbStones. Loose boards, stone fill or cover plates will not protect the KerbStones.



7.0 Kerbstone Protection
Avoid contact between compaction equipment and top of ACO Sport KerbStone™.

8.0 Watertight Installation to BS EN 1433:2002
Where ACO channel joints/fittings and channel/pavement interfaces are to be sealed, an appropriate sealant should be used. Guidance on the necessary surface preparation and/or priming should be sought from the sealant manufacturer.

- For Guidance a typical method of application follows:**
- The end faces of the channels are to be sound and free from dust, oil, and grease, with any loose material or dirt removed, e.g. by mechanical wire brush. No water drops should be evident.
 - Using a standard cartridge gun, apply the sealant evenly and with no flaws. The detail on the ends of a channel varies from one product to another:
 - Products with a basically flat face - apply the sealant in a layer approximately 5mm thick to one face of the joint.
 - Products with a sealing groove within the end face - apply the sealant in a bead of approximately 10mm diameter into the sealing groove.
 - Products with a sealing groove following the inside shape of the channel - apply the sealant to the end face of the channel and to the sealant groove, such that when the joint is completed, the sealant will both cover the end face and fill the groove.
 - The channel unit should be placed on the prepared concrete bedding and pressed against the previously placed channel unit. A sealed joint of approximately 1-2mm width should be formed between adjacent channel units.
 - Excess sealant should be wiped from the inside face of the channel to leave a smooth finish.
 - The sealant is to be left to cure for 24 hours, during which time the sealant should be kept as dry as possible.

Installation advice:
ACO Sport KerbStones™ have to be installed in concrete to keep them in place. After excavating the trench a leveled and aligned installation on a 100mm thick concrete bedding with 80mm wide concrete haunches and a minimum concrete quality of C 12/15 acc. EN 206-1.

Detail A:
Create a groove in the upper base course along the channel to give the synthetic surface a possibility to attach to the upper base layer. To provide a proper adhesion between kerb stone and synthetic surface coat the kerb stone with primer before laying the synthetic layer.

Version	Date	Description	Name
		Drawing Number: 24126	Revision: A
		ACO SPORT KERBSTONE™ INSTALLATION DETAIL DRAWING	
Created by: WBP	Released by: WBP	Projection: ISO-A 	Units: mm
Created at: 13.03.2018	Released at: 13.08.2018		Format: A3
Replacement for: -	Replaced by: -	Information contained in this drawing is copyright property of ACO Technologies plc. Any reproduction in part or whole without written permission of ACO Technologies plc is prohibited	Scale: 1 : 5
			Sheet: 1 of 1