

October 2024

SmartSponge

The Naylor SmartSponge is a unique hydrocarbon removal system designed to remove the oil and permanently bond it into the molecular structure of the material so it cannot be removed under any circumstances. The subsequent waste material can be recycled via a waste to energy facility. SmartSponge is available in different product ranges, they include smart gully adaptors, smart chambers, urban filters and skimmers.



Material	SmartSponge is a proprietary combination of synthetic polymers with a unique molecular structure that is chemically selective to hydrocarbons.
Colour	White/cream
Performance	Has the capacity to absorb up to five times its own weight (depending on the type of oil contaminant) and remove up to 95% of the hydrocarbons present in stormwater run-off. Smart Sponge has a minimum mitigation index of 0.7 for hydrocarbons. Packs have a typical expected life between 1-3 years.
Maintenance	Recommended that the packs are weighed monthly for the first 3 months to track absorption rate, this will then give you a greater understanding as to how often maintenance is required. The maintenance is based on contamination rate of the water. Typically, a 6-month inspection is recommended but it can be dependent on the application. For more information on maintenance and installation please see our brochure which is available on the website.
Disposal	Spent packs are classified as hazardous waste, so will need to be disposed of an authorized facility. Visit www.gov.uk/hazardous-waste-disposal for more details. Please follow guidelines correctly to make sure you are not causing harm to the environment.

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Technical Support

Our dedicated technical team is available for guidance and assistance.

For further information, please contact our Support Team: help@naylor.co.uk

www.naylor.co.uk





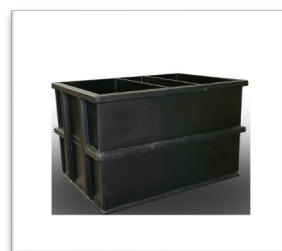
Smart Gully Adaptor (SGA)		
Code	Dimensions(mm)	Pack QTY
SGA01 - 12	260x160x75	12
SMPK66-2.5	150X150X62.5	



Passive Skimmers		
Code	Dimensions(mm)	Pack QTY
PS1313	330x330	40
PS1818	457X457	20
PS2727	686X686	10



Line Skimmers			
Code	Length(m)	Dry Weight(kg)	Pack QTY
LS104-10	1.2	0.7	10
LS110-04	3	1.9	4
LS303-04	1.2	2.2	4
LS308-04	2.4	4.4	4
LS408-04	2.4	5.9	4



Smart Filter Chamber				
Code	Dimensions (m)	No of 380x380 Smart Paks	Max Flow (l/s)	Max oil capacity (litres)
SF03.1A	0.8 x 1.2 x 1.2	4	44	48
SF03.1B	0.8 x 1.2 x 1.2	8	88	96
SF03.2A	1.2 x 1.8 x 2.0	12	130	144
SF03.2B	1.2 x 1.8 x 2.0	24	265	288
SF03.2C	1.2 x 1.8 x 2.0	32	350	384
SF03.3A	1.2 x 1.8 x 2.0	40	425	480



Smart Brake		
Code	Dimensions(mm)	Pack QTY
SB01-30302	360x330x330	1
SB02-38382	400x400x400	1



Smart Stop		
Code	Dimensions(mm)	Pack QTY
SS01-30302	360x330x330	1
SS01-38382	400x400x400	1

For further product information, please see our SmartSponge brochure, which you can find on our website in the Resource hub.

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