

Floc Mat® Deployment Guidance

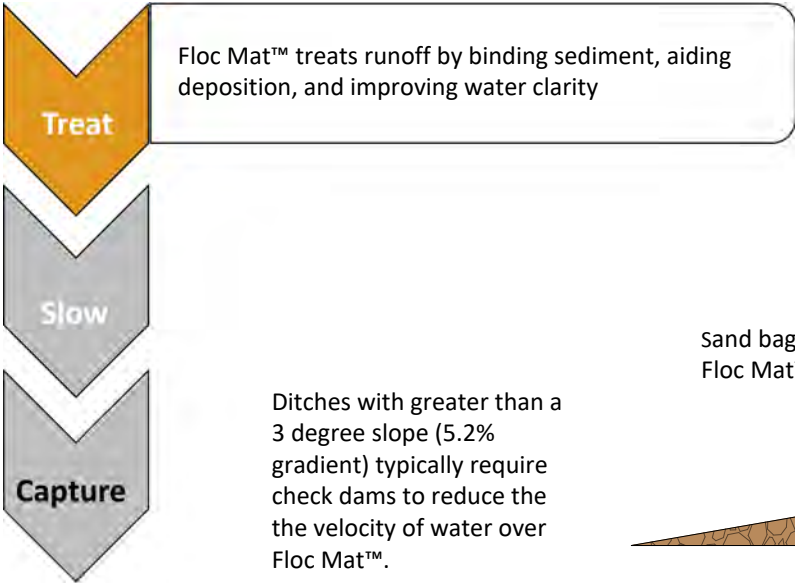
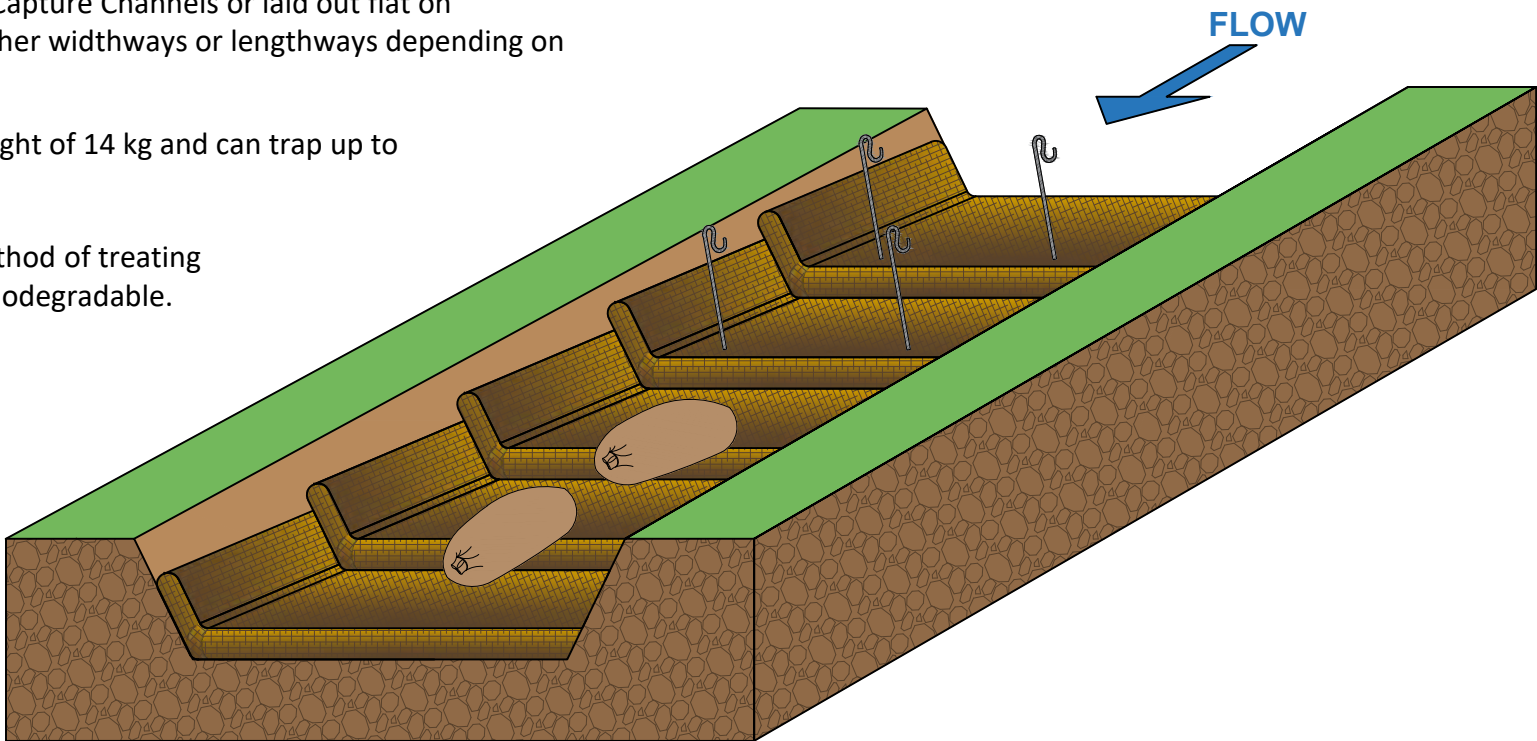
Designed by Frog Environmental, Floc Mat is an environmentally-friendly water treatment and silt capture mat that treats muddy water and prevents silt pollution.

The mat fibres are coated with Clearflow Gel Flocculant, an environmentally safe product that is highly effective at treating fine silt and clay particles on construction sites.

Floc Mats can be deployed in ditches and Silt Capture Channels or laid out flat on dispersion fields. The mats can be installed either widthways or lengthways depending on ditch profile and lining.

Each mat measures 2 x 1 metres, has a dry weight of 14 kg and can trap up to 50kg of silt.

Floc Mat is a low carbon and cost effective method of treating construction site run off. The product is fully biodegradable.

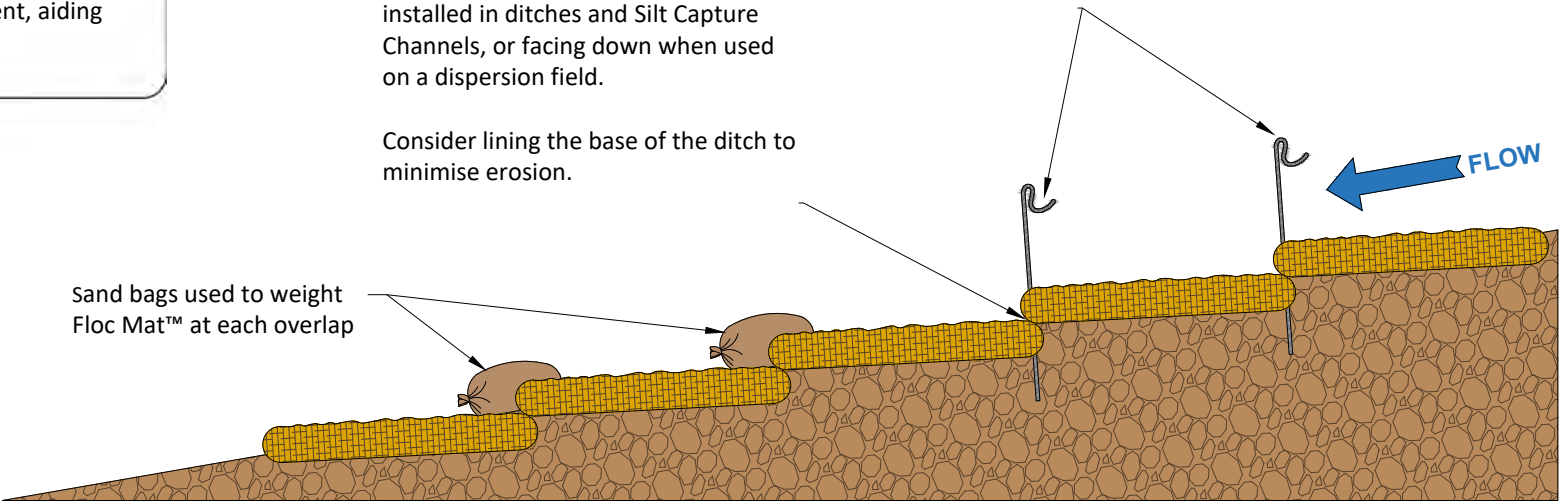


For effective deployment, the edges of Floc Mat™ should overlap by approximately 15cm. Ensure the sticky side of the mat is facing up when installed in ditches and Silt Capture Channels, or facing down when used on a dispersion field.

Metal stakes can be used to hold Floc Mat™ in position (soft beds only). Ensure site has permission to use stakes prior to staking.

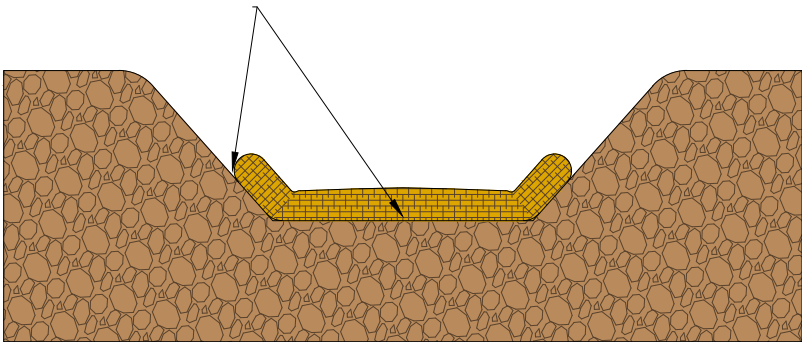
Consider lining the base of the ditch to minimise erosion.

Sand bags used to weight Floc Mat™ at each overlap



2D Side Elevation

Ensure Floc Mats™ are moulded to the profile of the ditch. This will allow water to flow on top of the mat rather than flowing underneath or around the sides.



2D Cross Section

The use of flocculants on construction sites requires permission from the environmental regulator. Proceeding with deployment of a flocculant without regulatory permission is not advised.

Drawing Ref: FM-PD-02v1
Revision: v1
Scale: Drawings not to scale



Drawings are for guidance only, not for construction purposes. Ensure risk has been assessed prior to deployment of products supplied by Frog Environmental. Further advice available by contacting us at www.frogenvironmental.co.uk/contact-us

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