Terrastop™ Silt Fence Installation Guidelines

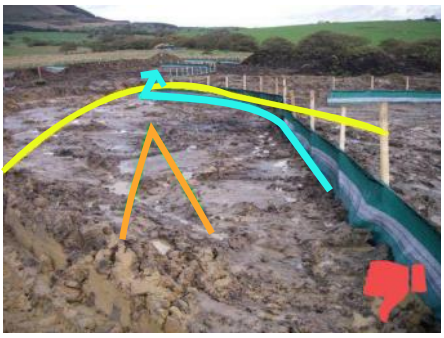
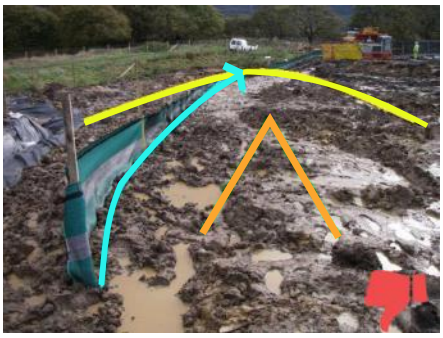
Position Fence





- Fence is centred and at right angles to flow

Orange lines highlight the slope direction


- Runoff follows the fence line making erosion worse

Yellow lines depicts the correct positioning

Blue lines is the water runoff direction

Join Fences



Fold edges on one another several times & then fixed.



Gaps allow sediment to pass through.

Trench In



Bottom buried up to red line & backfill firmly compacted.



Not buried deep enough & ground poorly compacted.

Application Categories: Sediment Pollution Control

Hy-Tex (UK) Limited
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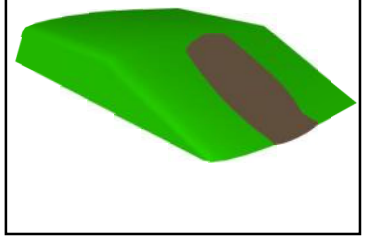
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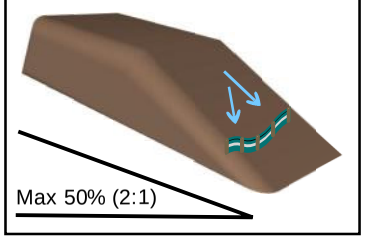
Terrastop™ Silt Fence Installation Guidelines

1



- Find where erosion may occur.
- Look for areas where soil has been disturbed or vegetation removed.

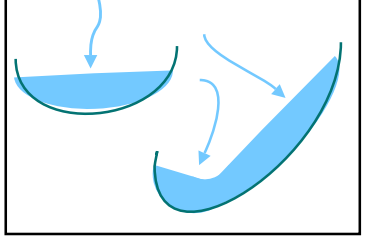
2



- Maximum 50% (26.5° 2:1) slope angle
- Not suitable for channels or ditches

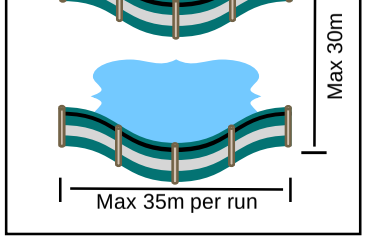
Use Straw Wattles
for steeper slopes and channels.

3



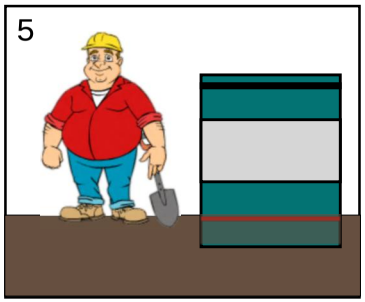
- Check where water is running
- Position fence central and at right angles to flow
- Curve fence ends up slope to form 'smiles' or 'J' shapes so water ponds behind fence

4



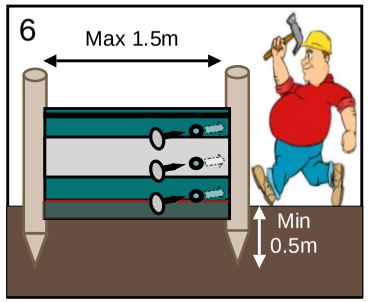
- Maximum 35m fence runs
- Maximum 30m between fence rows
- Add extra fences above and to the side for larger areas

5



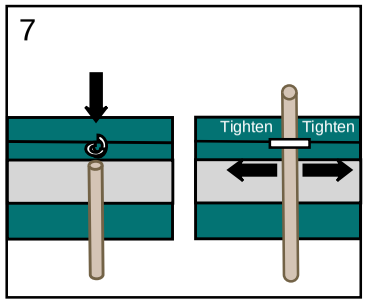
- Dig 100mm trench or use a trenching machine.
- Bury fence up to the red line.
- Make sure backfill is on upslope side of fence.
- Firmly compact.

6



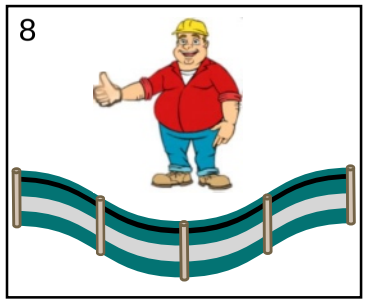
- Position posts on downslope side of fence
- Max 1.50m post spacing
- Min 0.50m in ground.
- Secure with 3 nails and washers per post or use cable ties
- Post size minimum 1.20m long and 50mm diameter

7

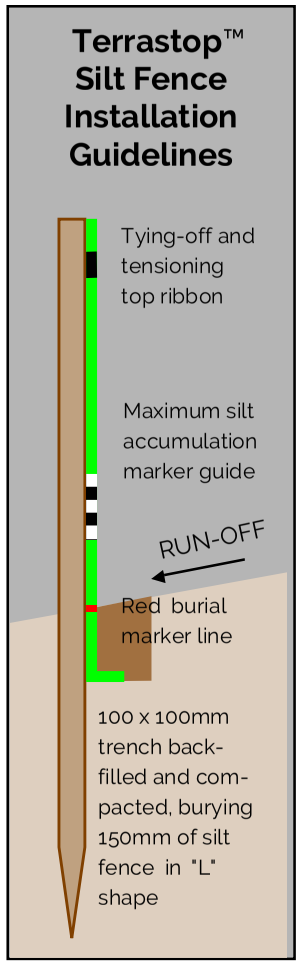


- Tension top edge by looping ribbon band over post.
- Add additional bracing posts for poor ground conditions

8



- Regularly check site
- Reassess for new areas of erosion and add extra fences as needed
- Repair any damage.
- Remove trapped silt when reaches top of white band or install additional fences.



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