



ECC3

INSTALLATION GUIDELINES EROSION PROTECTION APPLICATIONS

ISO: G 038 001 | DATE: MAY 2020 | VERSION 2

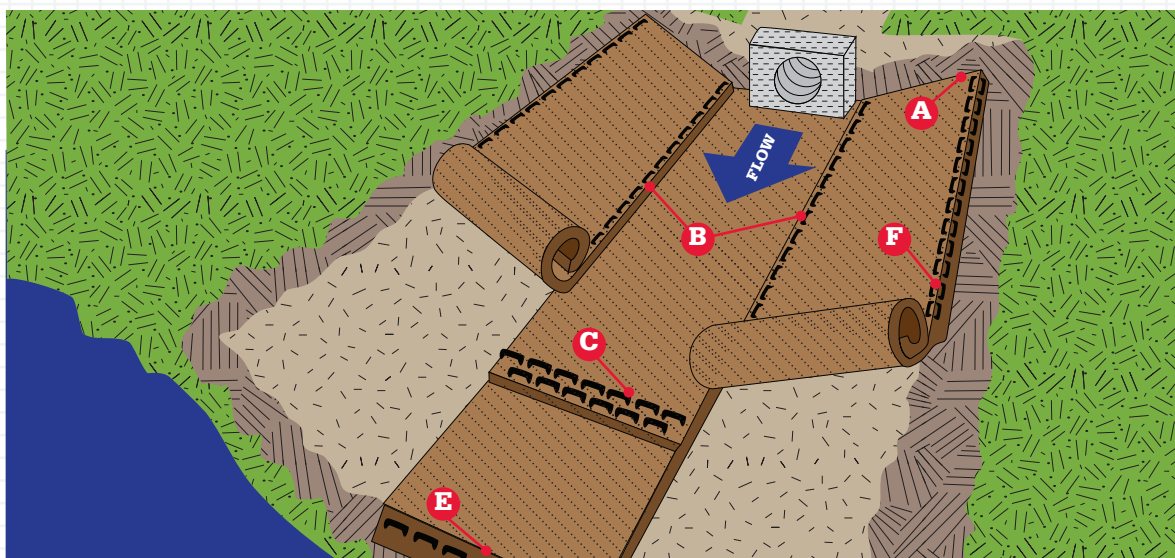


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CHANNEL INSTALLATION DETAIL

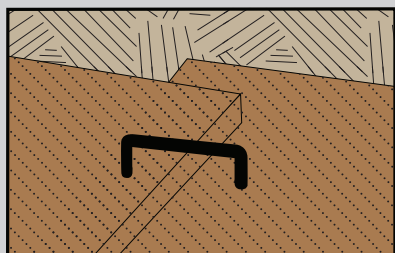
These guidelines are
recommendations only.

1. Dig a 150mm by 150mm trench both up-slope, down-slope, and along the top side of the channel. Prepare the slope soil surface (raking, seeding and fertilising). Note, if used with stormwater discharge, place the up-slope trench at the face of the discharge structure footer.
2. Begin by placing the centre blanket a minimum of 300mm down-slope of the up-slope trench. Secure the blanket at the bottom of the trench with staples placed 300mm apart. Backfill and compact the trench. Apply seed, and fold the blanket over the soil, secure with a row of staples placed 300mm apart across the width of the blanket (See Diagram A).
3. Roll the blanket vertically down the slope. Secure using the appropriate staple pattern below, specified by slope. (See staple patterns).
4. Continue placing blankets up the slopes on both sides, with a minimum 100mm overlapping (Diagram B), and securing each blanket in the beginning trench (Diagram A).
5. Additional horizontal blankets can be joined using a minimum 100mm overlapping or shingle style in the direction of water flow. Connect the blankets by placing staples approximately 100mm apart across the width of the blankets (Diagram C).
6. For maximum performance a check slot should be placed at 8m-12m intervals. Place a row of staples 100mm apart along the entire width of the channel. A second row should be placed below in a staggered pattern (Diagram D).
7. The end of the blanket must be secured in a 150mm by 150mm trench by a row of staples placed at 300mm intervals (Diagram E).
8. At the top edge of the side slope, fasten the blanket in a 150mm by 150mm trench with staples placed at 300mm intervals. Install an additional row of staples 300mm down slope of the trench along the width of the fabric (Diagram F).



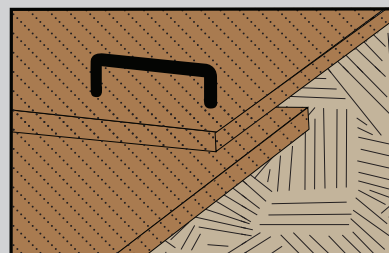
DIAGRAM

B



DIAGRAM

C



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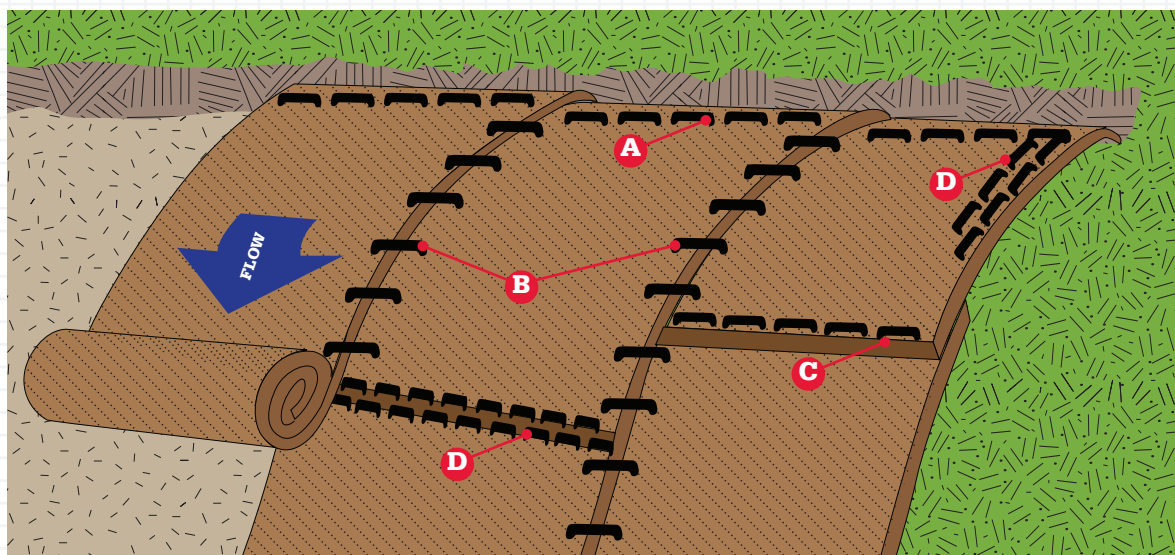
TIP

When hydroseed hydrosol is to be used, we recommend to apply this directly into the growing media first, then apply the ECC3.

SLOPE INSTALLATION DETAIL

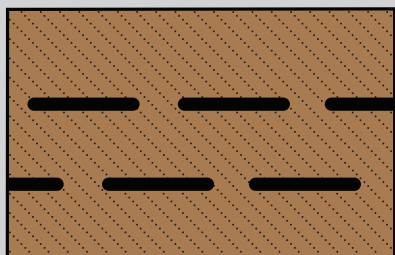
These guidelines are recommendations only.

1. Dig a 150mm by 150mm trench both up-slope and down-slope of the area the matting is to be applied. Prepare the slope soil surface (raking, seeding and fertilising).
2. Begin by placing the blanket a minimum of 300mm down-slope of the up-slope trench. Secure the blanket at the bottom of the trench with staples placed 300mm apart. Backfill and compact the trench. Apply seed, and fold the blanket over soil, secure with a row of staples placed 300mm apart across the width of the blanket (See Diagram A).
3. Roll the blanket vertically down the slope. Secure using the appropriate staple pattern below, specified by slope (See staple patterns).
4. Parallel blankets must be overlapped by a minimum of 100mm and secured with a row of staples approximately 1m apart (See Diagram B).
5. Additional vertical blankets can be joined using a minimum 100mm overlapping or shingle style (See diagrams C) in the direction of the water flow. Connect the blankets by placing staples approximately 300mm apart across the width of the blankets.
6. For maximum performance a check slot should be placed at 8m-12m intervals. Place a row of staples 100mm apart along the entire width of the slope. A second row should be placed 100mm below in a staggered pattern. Then continue with general installation (See diagrams D).
7. The end of blanket must be secured in a 150mm by 150mm trench with a row of staples placed at 300mm intervals (Diagram E).



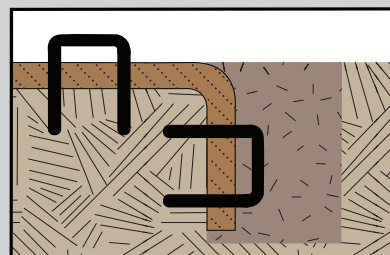
DIAGRAM

D



DIAGRAM

F



WARNING

Installations on steep slopes will require the correct safety gear.

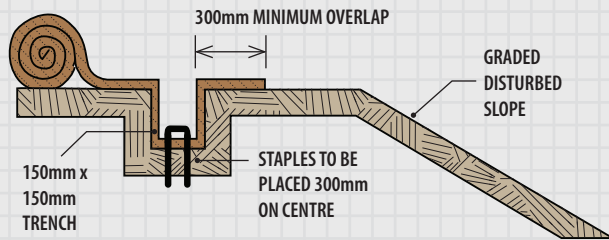


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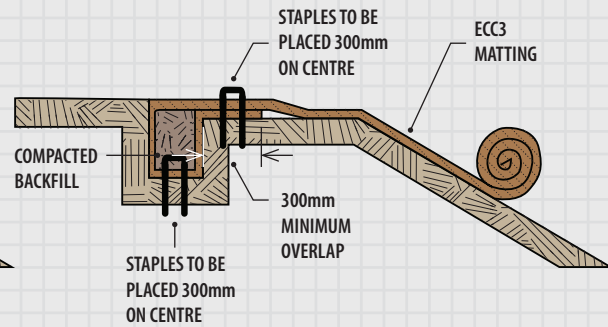
UP-SLOPE TRENCH INSTALLATION DETAIL

DIAGRAM **A**

STEP 1.



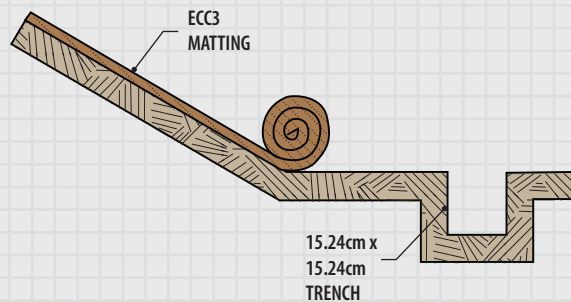
STEP 2.



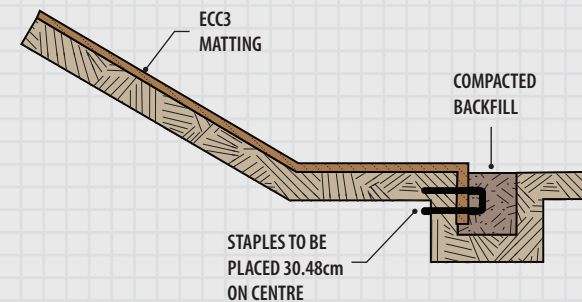
DOWN-SLOPE TRENCH INSTALLATION DETAIL

DIAGRAM **E**

STEP 1.

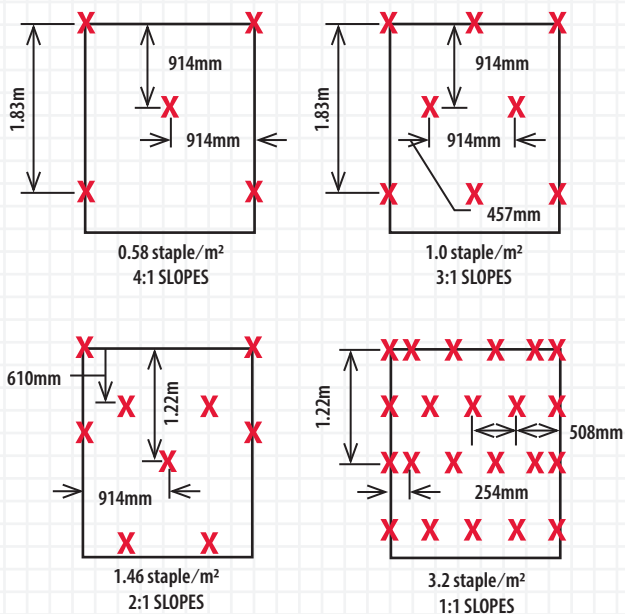


STEP 2.

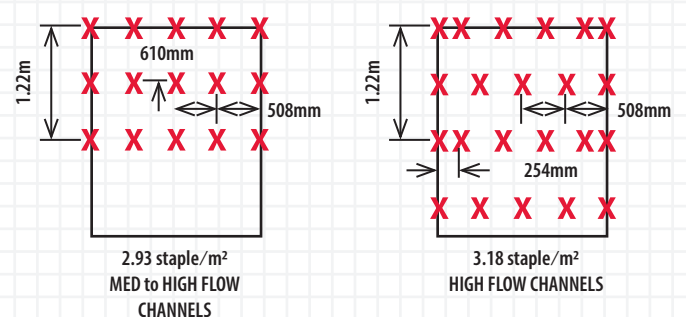


STAPLE PATTERNS

SLOPES



CHANNELS



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