

Claims

1. A flexible layered fabric sheet comprising a porous front layer and a pre-seeded substrate layer for supporting root growth, the two layers together having
5 an upper edge and a lower edge and being attached together with one or more non-continuous seams between the upper and lower edges, which seams have a component of direction parallel to the upper and/or lower edge, and wherein the non-continuous seams enable water to exit the layered fabric sheet at its lower edge, and the non-continuous seams further serve to slow water flow through the
10 sheet in a direction from the upper to the lower edge.
2. A flexible layered fabric sheet as claimed in Claim 1, comprising an additional non-porous backing layer which is provided on the face of the substrate layer which is distal from the porous front layer.
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3. A flexible layered fabric sheet as claimed in Claim 1 or 2, wherein the pre-seeding is provided by a layer of seed paper.
4. A flexible layered fabric as claimed in Claim 3, wherein the seed paper layer
20 is provided between the substrate layer and porous front layer
5. A flexible layered sheet as claimed in any preceding claim, wherein the non-continuous seams are stitched seams.
- 25 6. A flexible layered fabric sheet as claimed in any preceding claim, wherein the seams are spaced at intervals between the upper and lower edges.
7. A flexible layered fabric sheet as claimed in any preceding claim, including a region for receiving an irrigation pipe.
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8. A flexible layered fabric sheet as claimed in Claim 5 wherein the region for receiving the irrigation pipe is formed by a gap between two seams.

9. A flexible layered fabric sheet as claimed in any preceding claim, wherein at least some of the seams intersect to form polygonal shapes.
- 5 10. A flexible fabric layered sheet system as claimed in any preceding claim, wherein the sheet has a non-porous backing layer and wherein the non-porous backing layer forms a lip portion extending above the top edge of the porous front layer and substrate layer and/or below the lower edge of the porous front layer and substrate layer.
- 10 11. A vegetative wall, comprising one or more flexible layered fabric sheets as claimed in any preceding claim mounted upon a structure or substrate such that the upper edge of the or each sheet lies vertically higher than the lower edge and an irrigation supply is arranged at or towards the top of the sheet or of at least the
- 15 uppermost one of the sheets, such that irrigation water flows downwards through the sheet or sheets, slowed by the non-continuous seams, to thereby enable the seed with which the sheet or sheets is or are pre-seeded to germinate and grow into vegetation.
- 20 12. A vegetative wall as claimed in Claim 11, wherein two or more flexible sheets are arranged one above the other such that irrigation water from the upper sheet passes into the lower sheet.
- 25 13. A vegetative wall as claimed in Claim 12, wherein at least one of the sheets has a non-porous backing layer forming a lip portion extending beyond the top and/or bottom of the porous front layer and substrate layer and the other sheet overlaps this lip portion.
- 30 14. A vegetative wall as claimed in Claim 12, where at least two flexible sheets are provided, one higher than the other, such that the sheets are overlapped in a vertical direction.

15. A vegetative wall as claimed in any of Claims 11 to 14, wherein the structure to which the flexible sheet or sheets are affixed is a structure of scaffolding poles.

16. A method of forming a vegetative wall, comprising mounting at least one
5 flexible sheet as claimed in any of Claims 1 to 10 upon a structure or substrate such that the or each sheet lies in a disposition such that its upper edge is vertically higher than its lower edge, providing an irrigation supply to supply irrigation water at or towards the top of the sheet or the top of at least the uppermost one of the sheets and allowing water to permeate through the sheet or sheets to thereby
10 cause the seeds which the or each sheet has been pre-seeded with to germinate, and vegetation to grow.

17. A method as claimed in Claim 16, wherein at least two flexible sheets are mounted to the structure or support such that at least one of the sheets lies
15 vertically higher than at least one other sheet, such that irrigation water supplied to the uppermost sheet flows downwards between that sheet and at least one lower sheet to irrigate said lower sheet.

18. A method as claimed in Claim 16 or 17, wherein the irrigation flow in at least
20 one lower sheet is lower than that of the uppermost sheet

19. A method as claimed in any of Claims 16 to 18, wherein two or more sheets are provided, at least one of the sheets having a non-porous backing layer extending beyond the top or bottom of the porous front layer and substrate layer to
25 form a lip portion, one sheet is mounted generally higher than the other sheet and one of these sheets overlaps the lip portion of the other sheet.

20. A method as claimed in any of Claims 16 to 18, wherein two or more flexible sheets are provided, one above the other, and one of the flexible sheets overlaps
30 the other in a vertical direction.

21. A method as claimed in any one of Claims 16 to 20, wherein the structure is a structure of scaffolding poles.