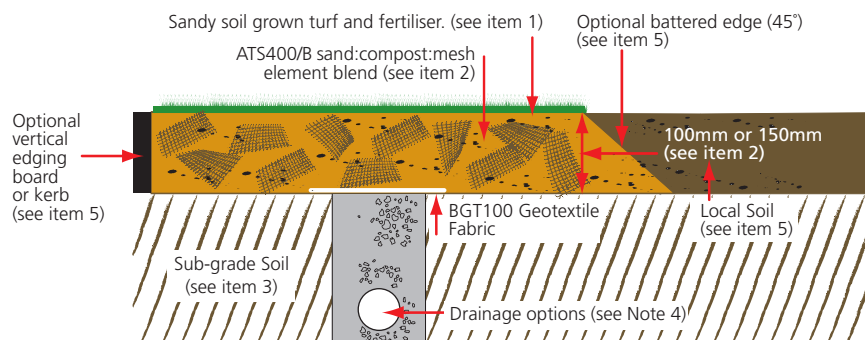


## DESIGN GUIDANCE

## For Walkways & Paths



### Typical Construction Profile



#### A typical walkways design profile would consist:

1. Specified Boddingtons sandy soil grown turf and installation fertiliser.
2. 100mm or 150mm thick layer of ATS400/B rootzone, installed according to Fiberweb Geosynthetics Ltd., recommendations.

100mm is suitable for most walkway locations, whilst 150mm provides improved drainage and grass quality for areas subjected to intensive use, high rainfall, or where subgrade soil is of a poor quality.

3. A lightly cultivated and re-consolidated sub-grade formation layer.

If the sub-grade is a poor quality sub-soil or clay, this should be replaced with 50 - 100mm of good quality sandy loam.

4. Typical drainage details, 100mm diameter perforated pipe drain laid at minimum gradient 1:100, bedded on gravel in trench backfilled with DoT Type A drainage stone covered or wrapped with a geotextile fabric (BGT100), and leading to a suitable outfall or soakaway. Drains placed down centres or one edge of access routes up to 5m wide. Wider areas may require additional drains at 5m-10m centres. Drainage design by specifier based on specific ground conditions on site. For applications where Advanced Turf<sup>®</sup> is providing surface water Source Control for a SuDS (Sustainable Drainage System), drainage may be modified or omitted as determined by soil & site criteria.
5. Edges can be retained with kerbs or edging boards or by leaving a battered (45°) edge to the ATS400/B rootzone where it abutts an adjacent grassed area.
6. ATS400/B is compliant with SuDS applications. Advice available from Fiberweb Geosynthetics Ltd.

Items 1 - 2 above are normally supplied by Fiberweb Geosynthetics Ltd., as part of the Advanced Turf<sup>®</sup> System. Specific project application advice can be obtained from Fiberweb Geosynthetics Ltd.

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