

GREEN ROOF WATERPROOFING

Guide to utilizing the roof to provide a practical green environment solution

The growing trend around the world is to utilise the area on the roof to create a 'green zone'. Having a green roof is not only aesthetically pleasing, but has practical value as a thermal covering and of course improves the environment.



← Vegetation and Mulch



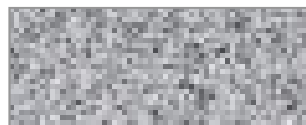
← Growing Media



← Geofabric Filter wrap



← Protection and drainage plastic



← Liquid Applied Membrane



Key Products:

- SikaflexPRO - polyurethane
- FLEXIPRO – Below Ground Membrane
- Corex Protection Roll or Geosheet®
- Filterwrap® - geofabric

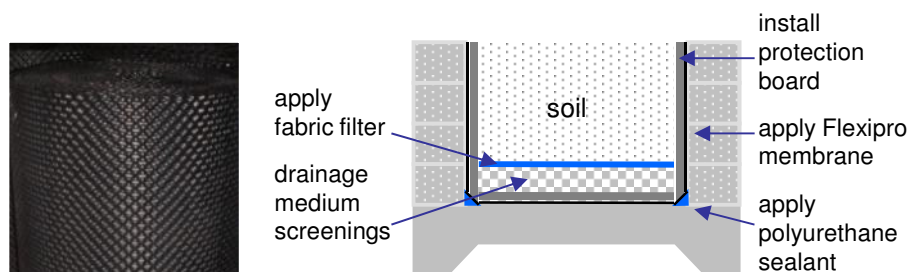


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TECHNICAL INFO

APPLICATION:

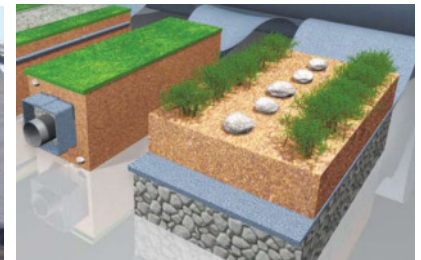
1. Ensure roof has adequate drainage and clean the surfaces.
2. Polyurethane around all penetrations, drain joins, parapet wall and floor joints.
3. Apply FLEXIPRO waterproofing membrane and Polycloth to all vertical and horizontal wall/floor joints, penetrations etc.
4. Apply two coats of FLEXIPRO waterproofing membrane over entire roof surface. Allow 2 days to cure.
5. Lay out Plastic Dimpled Protection Rolls over the vegetation section of the roof surface. For improved drainage use plastic drainage cells or Geosheet.
6. Lay Filterwrap geofabric over the vegetation section of the roof surface.
7. Landscape with suitable growing media and vegetation to suit the environment. If a separate Planter Box is constructed, follow the same principles as shown in diagram below.



Protection Rolls



Geosheet®



Filterwrap®