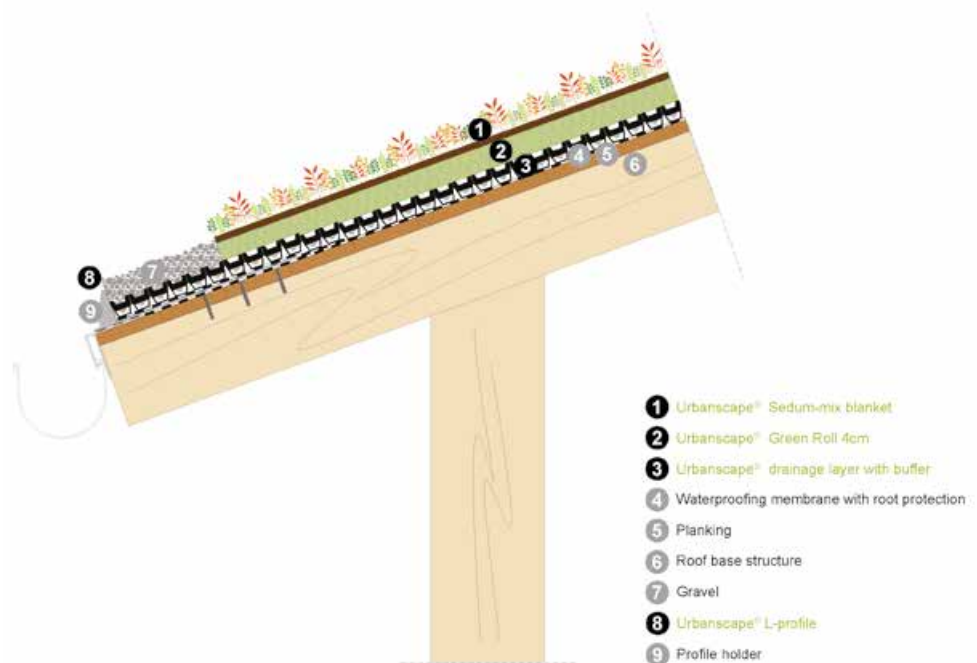


Sloped / Pitched Green Roofs Installation guidelines

Up to 20°

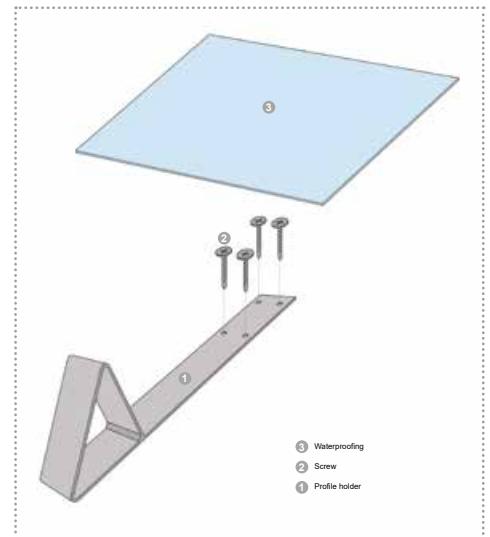


1. Preparation of the roof:

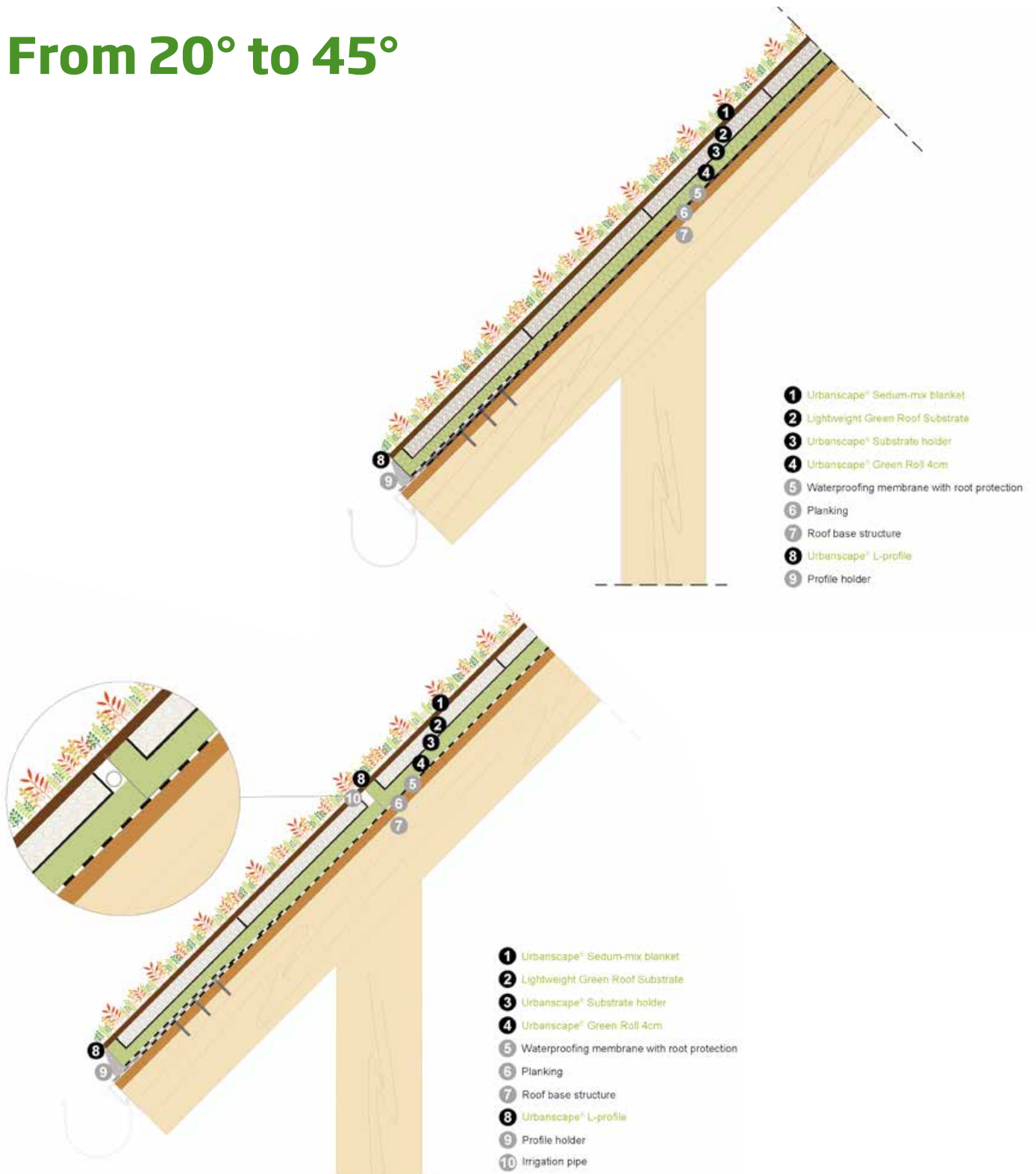
- Provide for all safety measures in accordance with the regulations on occupational health and safety.
- Clean the roof surface. Check that the waterproofing membrane is not damaged to ensure the watertightness of the roof. Remove any dirt and sharp objects.
- If needed, repair any damage with materials compatible with the existing waterproofing.

2. Installation:

- Place Urbanscape® Profile Holders on the bottom edge of the roof and fix them with the appropriate screws. The recommended distance between screws is 0,5m.
- Cover and seal the section with the screws with the same type of waterproofing as installed under the Urbanscape® Profile Holder. Cover piece dimensions must be at least 40 X 40cm.
- Place Urbanscape® L-Profiles on the Urbanscape® Profile Holders.
- Depending on the roof slope, the Urbanscape® L-Profiles must be installed transverse to the inclination as follows:
 - Slope 5° to 10° - every 15m
 - Slope 10° to 14° - every 10m
 - Slope 15° to 18° - every 6m
 - Slope 18° to 20° - every 4m
- Choose the Urbanscape® Drainage with buffer. Install the boards with the holes on top.
- To provide for the safety and protection of the waterproofing material, use a hook cutter. Do not use a sharp-bladed cutter or knife.
- Mark the areas of the vegetation-free zone. Optional: Place the aluminium profile around the sedum and put the L-side under gravel of the vegetation-free zone.
- Roll out the Urbanscape® Green Roll crosswise on top of the Urbanscape® drainage panels. Install the Urbanscape® Green Roll tightly side by side. If necessary, the Urbanscape® Green Roll can be cut to the appropriate size (use of scissors preferred).
- Gently roll out the Urbanscape® Sedum-mix blanket crosswise to the Urbanscape® Green Roll. The blankets should be carried by two persons, always with a flap on top to avoid damaging the vegetation. > The blankets should be carried by two persons, with the flap on top to avoid damaging the vegetation. Check the position of the Urbanscape® Sedum-mix blanket before rolling out. If necessary, the Urbanscape® Sedum-mix blanket can be cut to the appropriate size with scissors or a hook cutter.
- The Urbanscape® Sedum-mix blanket must cover the entire Urbanscape® Green Roll.
- Avoid walking over the already installed Urbanscape® Sedum-mix blankets as much as possible.
- Fill up the areas of the vegetation-free zone with gravel with sized 16 to 32mm. The height of the gravel should be at the same level as the Urbanscape® Sedum-mix blanket.
- Fill possible bare spots of the Urbanscape® Sedum-mix blankets with vegetation.
- Water the vegetation until the Urbanscape® Green Roll is completely saturated (follow the Urbanscape® Green Roof system maintenance guidelines).



From 20° to 45°

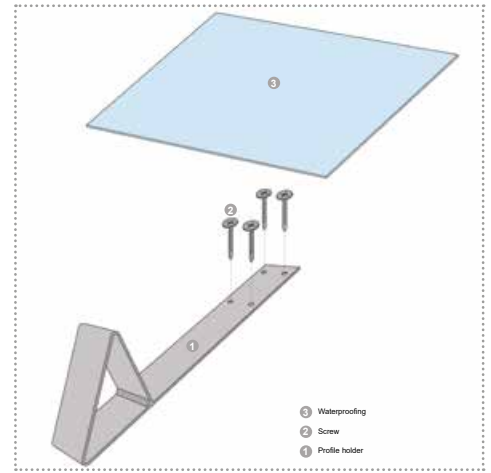


1. Preparation of the roof:

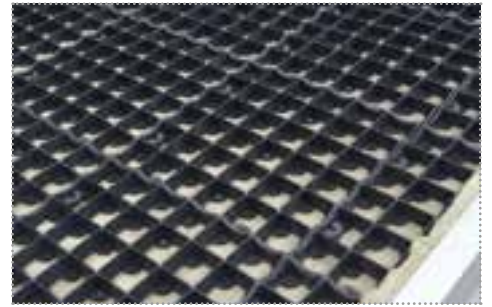
- Provide for all safety measures in accordance with the regulations on occupational health and safety.
- Clean the roof surface. Check that the waterproofing membrane is not damaged to ensure the watertightness of the roof. Remove any dirt and sharp objects.
- If needed, repair any damage with materials compatible with the existing waterproofing.

2. Installation:

- Place Urbanscape® Profile Holders on the bottom edge of the roof and fix them with the appropriate screws. The recommended distance between screws is 0.5m.
- Cover and seal the section with the screws with the same type of waterproofing as installed under the Urbanscape® Profile Holder. Cover piece dimensions must be at least 40 X 40cm.
- Place Urbanscape® L-Profiles on the Urbanscape® Profile Holders.
- Depending on the roof slope, the Urbanscape® L-Profiles must be installed transverse to the inclination as follows:
 - Slope 20° to 30° - every 3m
 - Slope 30° to 45° - every 2m
- Roll out Urbanscape® Green Roll 4 cm crosswise, at least 10cm vertically at the edges.



- Place the Urbanscape® Substrate holders directly on the Urbanscape® Green Roll 4cm.



- Cut the excess Urbanscape® Green Roll at the edges in such a way so that they are aligned with the height of the Urbanscape® Substrate holder.



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- Fill the Urbanscape® Substrate holders with the appropriate Green Roof substrate.



- Gently roll out the Urbanscape® Sedum-mix **reinforced** blanket. The blankets should be carried by two persons, always with a flip on top to avoid damaging the vegetation. Check the position of the Urbanscape® Sedum-mix reinforced blanket before rolling out. If necessary, the Urbanscape® Sedum-mix reinforced blanket can be cut to the appropriate size with scissors or a hook cutter.



- The Urbanscape® Sedum-mix reinforced blanket must cover the entire area.
- Avoid walking over the already installed Urbanscape® Sedum-mix reinforced blankets as much as possible.
- Fill potential bare spots of the Urbanscape® Sedum-mix reinforced blankets with vegetation.
- Water the vegetation until the Urbanscape® Green Roll is completely saturated (follow the Urbanscape® Green Roof system maintenance guidelines).



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