

DELTA®-FLORAXX Installation Instructions

Health and Safety:

- Required safety equipment: hard hat, safety boots, gloves, safety glasses, fall arrest equipment.
- Always follow all safety precautions as directed by the Occupational Safety and Health Administration (OSHA-USA) or the Construction Safety Association (Canada).
- Please refer to Material Safety Data Sheets for all components and observe all recommended safety precautions therein.
- The general codes of practice for protection at work and instructions of the manufacturers for tools and components are to be observed at all times.

Recommended Tools:

Utility knife, scissors, shovel, rake.

Getting Down to Installation:

- Underlying roof components (deck, vapor barrier, insulation, waterproofing membrane, etc.) shall be installed, tested, and approved according to manufacturer's guidelines.
- Ensure the roof structure is approved to support the water-saturated weight of the garden roof.
- The surface of the roofing shall be cleaned and free of debris prior to installing any garden roof components.
- Loose lay DELTA®-ROOT BARRIER onto the roof surface. (See detail 1)
- Begin installation at drains. Work outward from the drains, ensuring any overlaps shingle downward to facilitate water flow towards the drains and to minimize water seepage under DELTA®-ROOT BARRIER.
- Cut DELTA®-ROOT BARRIER as tightly as possible around drains and protrusions. (See detail 2)
- The number of overlaps should be minimized. Where overlaps cannot be avoided, they shall be a minimum of 1 m (39"). End laps also shall be overlapped a minimum of 1 m (39"). Wide overlaps help prevent roots from damaging the waterproofing.
- Terminate DELTA®-ROOT BARRIER up the parapets or garden roof edge to the anticipated finished level of the growing medium.
- Beginning at one side of the roof, roll out DELTA®-FLORAXX dimple side down, cup side up. Always place the DELTA®-FLORAXX tightly to the parapet or garden roof edge.
- End laps and side laps shall be placed tightly to the adjacent roll of DELTA®-FLORAXX. Do not interlock the dimples. (See detail 3)
- Cut DELTA®-FLORAXX as tightly as possible around drains and protrusions. (See detail 4)
- Beginning at one side of the roof, loose lay DELTA®-BIO GREEN geotextile over top of DELTA®-FLORAXX. (See detail 5)
- Terminate DELTA®-BIO GREEN up the parapets or garden roof edge to the anticipated finished level of the growing medium.
- To prevent fine particles from being washed out of the growing medium, end laps and side laps of DELTA®-BIO GREEN shall be overlapped a minimum of 30 cm (12").
- Cut DELTA®-BIO GREEN as tightly as possible around drains and protrusions.



- Place ballast (by others), such as round washed river stone of diameter between 2 cm (3/4") and 4 cm (1 1/2"), at parapets or garden roof edges, and around drains to a minimum width of 30 cm (12"). (See detail 6)
- The minimum thickness of the ballast shall meet or exceed the anticipated thickness of the growing medium.
- Ensure the ballast completely covers the DELTA®-BIO GREEN at the parapets or garden roof edges. (See detail 7)
- Place and level specified growing medium (by others) according to manufacturer's recommendations. (See detail 8)
- Thoroughly water garden roof to fill water retention cups of DELTA®-FLORAXX and fully saturate the growing medium. (See detail 9)
- Plant specified vegetation (by others).

Inspection

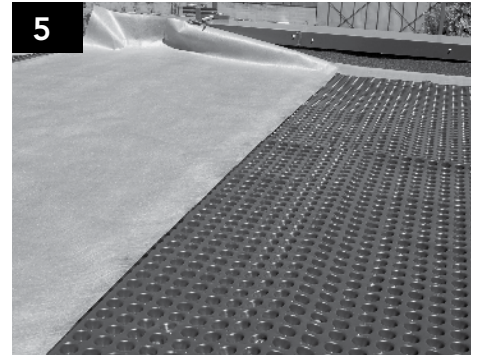
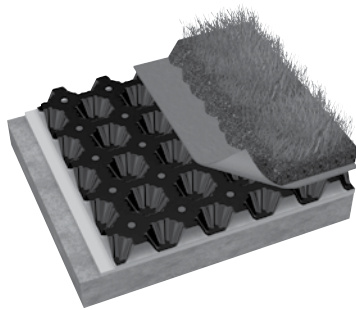
- Ensure drains are free-flowing and clear of obstructions and debris.
- Remove any remaining construction waste.
- Inspect the installation to ensure all components are installed according to manufacturers' recommendations.

Maintenance

- Check drainage to ensure free flow.
- Keep ballast free and clear of leaves, overgrowing vegetation and other debris.
- Apply fertilizers as necessary.
- Irrigate as necessary.
- Assess plants and replant as necessary.
- Weed as necessary.
- Replace eroded growing medium as necessary.

For technical support, call our technical support team at 1-888-4DELTA4 (1888-433-5824) extension 326.

For more detailed information, please consult www.cosella-dorcken.com



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COSELLA DÖRKEN Cosella-Dörken Products Inc.
 4655 Delta Way
 Beamsville, Ontario
 L0R 1B4
 (905) 563-3255
 Fax: (905) 563-5582
 1-888-4 DELTA 4
 info@cosella-dorcken.com
 www.cosella-dorcken.com

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Canadian Home Builders' Association

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