Grasspave2

- MPR #1: Must Comply with Environmental Laws – use of Grasspave2 can help a site comply with NPDES Phase 2 regulations regarding the amount of stormwater allowed off site post-development.
  - The porous pavement will allow a greater percentage of water to infiltrate on-site reducing the calculated post-development flow rate.

- SS Credit 5.1: Site Development – Protect or Restore Habitat (1 Point): To conserve existing natural areas and restore damaged areas to provide habitat and promote biodiversity.
  - Case 1: use of Grasspave2 extends the boundary of allowable site disturbance from 10 feet to 25 feet, allowing for more room to work during construction.
  - Case 2:
    - Installing Grasspave2 in areas previously developed with asphalt or concrete, and seeding with native plants, would contribute to the percent of area restored.
    - Installing Grasspave2 on a vegetated roof and seeding it with native plants would contribute to the percent area restored if the site were also earning SS Credit 2: Development Density and Community Connectivity.

- SS Credit 5.2: Site Development – Maximize Open Space (1 Point): To promote biodiversity by providing a high ratio of open space to development footprint.
  - For All 3 Cases:
    - Using Grasspave2 as a parking area, fire lane, grass drive, or similar will count toward the vegetated open space necessary to achieve this credit.
    - Installing Grasspave2 on a vegetated roof would contribute to the percent area vegetated if the site were also earning SS Credit 2: Development Density and Community Connectivity.

- SS Credit 6.1: Stormwater Design – Quantity Control (1 Point): To limit disruption of natural hydrology by reducing impervious cover, increasing on-site infiltration, reducing or eliminating pollution from stormwater runoff and eliminating contaminants.
  - All Cases:
    - Using Grasspave2 as a parking area, fire lane, grass drive, or similar will minimize the impervious surface on-site and increase infiltration.
- Using Grasspave2 on a vegetated roof will minimize impervious surface on-site.

- **SS Credit 6.2: Stormwater Design – Quality Control (1 Point):** To limit disruption and pollution of natural water flows by managing stormwater runoff.
  - All Cases:
    - Using Grasspave2 minimizes impervious surfaces, increases infiltration, and reduces pollutant loads.
    - Using Grasspave2 on a vegetated roof will minimize impervious surface on-site.

- **SS Credit 7.1: Heat Island Effect – Nonroof (1 Point):** To reduce heat islands to minimize impacts on microclimates and human and wildlife habitats.
  - Option 1:
    - Use of Grasspave2 will qualify as “open grid pavements system” and can be computed toward area calculation
  - Option 2:
    - Grasspave2 can be used on a vegetated roof to cover a parking area to reduce heat absorption.

- **SS Credit 7.2: Heat Island Effect – Roof (1 Point):** To reduce head islands to minimize impacts on microclimates and human and wildlife habitat.
  - Option 2 and 3:
    - Grasspave2 can be used on a vegetated roof to reduce heat absorption.

- **WE Credit 1: Water Efficient Landscaping (2-4 Points):** To limit or eliminate the use of potable water or other natural surface or subsurface water resources available on or near the project site for landscape irrigation.
  - For Both Options: Option 1. Reduce by 50% (2 Points) or Option 2. No Potable Water Use or Irrigation (4 Points)
    - Grasspave2 can be used on a vegetated roof to collect stormwater and convey it to Rainstore3 or similar device to store for irrigation use.

- **MR Credit 4: Recycled Content (1-2 Points):** To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.
  - Grasspave2 counts as 100% PREconsumer Recycled Material

- **MR Credit 5: Regional Materials (1-2 Points):** To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.
  - Grasspave2 can qualify as long as the project is within 500 miles of Aurora, CO
Gravelpave2

• **MPR #1: Must Comply with Environmental Laws** – use of Gravelpave2 can help a site comply with NPDES Phase 2 regulations regarding the amount of stormwater allowed off site post-development.
  o The porous pavement will allow a greater percentage of water to infiltrate on-site reducing the calculated post-development flow rate.

• **SS Credit 5.1: Site Development – Protect or Restore Habitat (1 Point):** To conserve existing natural areas and restore damaged areas to provide habitat and promote biodiversity.
  o Case 1: use of Gravelpave2 extends the boundary of allowable site disturbance from 10 feet to 25 feet, allowing for more room to work during construction.

• **SS Credit 6.1: Stormwater Design – Quantity Control (1 Point):** To limit disruption of natural hydrology by reducing impervious cover, increasing on-site infiltration, reducing or eliminating pollution from stormwater runoff and eliminating contaminants.
  o All Cases:
    ▪ Using Gravelpave2 as a parking area, fire lane, or similar will minimize the impervious surface on-site and increase infiltration.

• **SS Credit 6.2: Stormwater Design – Quality Control (1 Point):** To limit disruption and pollution of natural water flows by managing stormwater runoff.
  o All Cases:
    ▪ Using Gravelpave2 minimizes impervious surfaces, increases infiltration, and reduces pollutant loads.

• **SS Credit 7.1: Heat Island Effect – Nonroof (1 Point):** To reduce heat islands to minimize impacts on microclimates and human and wildlife habitats.
  o Option 1:
    ▪ Use of Gravelpave2 will qualify when filled with gravel material with an SRI of at least 29

• **MR Credit 4: Recycled Content (1-2 Points):** To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.
  o Gravelpave2 counts as 100% PREconsumer Recycled Material

• **MR Credit 5: Regional Materials (1-2 Points):** To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.
  o Gravelpave2 can qualify as long as the project is within 500 miles of Aurora, CO
**Draincore2**

- **MPR #1: Must Comply with Environmental Laws** – use of Draincore2 can help a site comply with NPDES Phase 2 regulations regarding the amount of stormwater allowed off site post-development.
  - Collecting and conveying water elsewhere for irrigation purposes with Draincore2 will reduce post-development flow rate.

- **SS Credit 5.1: Site Development – Protect or Restore Habitat (1 Point)**: To conserve existing natural areas and restore damaged areas to provide habitat and promote biodiversity.
  - Case 2:
    - Installing Draincore2 on a vegetated roof and seeding it with native plants would contribute to the percent area restored if the site were also earning SS Credit 2: Development Density and Community Connectivity.

- **SS Credit 5.2: Site Development – Maximize Open Space (1 Point)**: To promote biodiversity by providing a high ratio of open space to development footprint.
  - For All 3 Cases:
    - Installing Draincore2 on a vegetated roof would contribute to the percent area vegetated if the site were also earning SS Credit 2: Development Density and Community Connectivity.

- **SS Credit 6.1: Stormwater Design – Quantity Control (1 Point)**: To limit disruption of natural hydrology by reducing impervious cover, increasing on-site infiltration, reducing or eliminating pollution from stormwater runoff and eliminating contaminants.
  - All Cases:
    - Using Draincore2 on a vegetated roof will minimize impervious surface on-site.

- **SS Credit 6.2: Stormwater Design – Quality Control (1 Point)**: To limit disruption and pollution of natural water flows by managing stormwater runoff.
  - All Cases:
    - Using Draincore2 on a vegetated roof will minimize impervious surface on-site.

- **SS Credit 7.1: Heat Island Effect – Nonroof (1 Point)**: To reduce heat islands to minimize impacts on microclimates and human and wildlife habitats.
  - Option 2:
    - Draincore2 can be used on a vegetated roof to cover a parking area to reduce heat absorption.

- **SS Credit 7.2: Heat Island Effect – Roof (1 Point)**: To reduce head islands to minimize impacts on microclimates and human and wildlife habitat.
Option 2 and 3:
- Draincore2 can be used on a vegetated roof to reduce heat absorption.

WE Credit 1: Water Efficient Landscaping (2-4 Points): To limit or eliminate the use of potable water or other natural surface or subsurface water resources available on or near the project site for landscape irrigation.
- For Both Options: Option 1. Reduce by 50% (2 Points) or Option 2. No Potable Water Use or Irrigation (4 Points)
  - Draincore2 can be used on a vegetated roof to collect stormwater and convey it to Rainstore3 or similar device to store for irrigation use.

MR Credit 4: Recycled Content (1-2 Points): To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.
- Draincore2 counts as 100% PREconsumer Recycled Material

MR Credit 5: Regional Materials (1-2 Points): To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.
- Draincore2 can qualify as long as the project is within 500 miles of Aurora, CO

Rainstore3
- MPR #1: Must Comply with Environmental Laws – use of Rainstore3 can help a site comply with NPDES Phase 2 regulations regarding the amount of stormwater allowed off site post-development.
  - Using Rainstore3 wrapped in a non-woven geotextile will allow collected stormwater to infiltrate back into the ground, thus reducing post-development flow rate.
  - Using Rainstore3 wrapped in an impermeable liner will collect stormwater making it available for non-potable reuse, thus reducing non-potable post-development flow rate.

SS Credit 5.1: Site Development – Protect or Restore Habitat (1 Point): To conserve existing natural areas and restore damaged areas to provide habitat and promote biodiversity.
- Case 1: use of Rainstore3 with permeable cover extends the boundary of allowable site disturbance from 10 feet to 25 feet, allowing for more room to work during construction.
- Case 2:
  - Installing Rainstore3 in areas previously developed with asphalt or concrete, and seeding the system over with native plants, would contribute to the percent of area restored.
• **SS Credit 6.1: Stormwater Design – Quantity Control (1 Point):** To limit disruption of natural hydrology by reducing impervious cover, increasing on-site infiltration, reducing or eliminating pollution from stormwater runoff and eliminating contaminants.
  o All Cases:
    ▪ Use of Rainstore3, when installed with an impermeable liner, allows for short or long-term underground water storage for non-potable uses.
    ▪ Use of Rainstore3, when installed with a non-woven geotextile, increases infiltration and groundwater recharge.

• **SS Credit 6.2: Stormwater Design – Quality Control (1 Point):** To limit disruption and pollution of natural water flows by managing stormwater runoff.
  o All Cases:
    ▪ Use of Rainstore3, when installed with an impermeable liner, allows for short or long-term underground water storage for non-potable uses.
    ▪ Use of Rainstore3, when installed with a non-woven geotextile, increases infiltration and groundwater recharge.

• **WE Prerequisite 1: Water Use Reduction (REQUIRED):** To increase water efficiency within buildings to reduce the burden on municipal water supply and wastewater systems.
  o Use of Rainstore3, when installed with an impermeable liner, allows for short or long-term underground water storage for non-potable water sewage conveyance.

• **WE Credit 1: Water Efficient Landscaping (2-4 Points):** To limit or eliminate the use of potable water or other natural surface or subsurface water resources available on or near the project site for landscape irrigation.
  o For Both Options: Option 1. Reduce by 50% (2 Points) or Option 2. No Potable Water Use or Irrigation (4 Points)
    ▪ Use of Rainstore3, when installed with an impermeable liner, allows for short or long-term underground water storage for irrigation use.

• **WE Credit 2: Innovative Wastewater Technologies (2 Points):** To reduce wastewater generation and potable water demand while increasing the local aquifer recharge.
  o Option 1:
    ▪ Use of Rainstore3, when installed with an impermeable liner, allows for short or long-term underground water storage for non-potable water sewage conveyance.
• **WE Credit 3: Water Use Reduction**: To further increase water efficiency within buildings to reduce the burden on municipal water supply and wastewater systems.
  o Use of Rainstore3, when installed with an impermeable liner, allows for short or long-term underground water storage for non-potable water sewage conveyance

• **MR Credit 4: Recycled Content (1-2 Points)**: To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.
  o Rainstore3 counts as 100% POSTconsumer Recycled Material

• **MR Credit 5: Regional Materials (1-2 Points)**: To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.
  o Rainstore3 can qualify as long as the project is within 500 miles of Aurora, CO

**Slopetame2**

• **MPR #1: Must Comply with Environmental Laws** – use of Slopetame2 can help a site comply with NPDES Phase 2 regulations regarding the amount of stormwater allowed off site post-development.
  o Slopetame2 can reduce erosion and soil migration, allow for biofiltration of stormwater runoff, and recharge the ground water reducing the post-development flow rate.

• **SS Credit 5.1: Site Development – Protect or Restore Habitat (1 Point)**: To conserve existing natural areas and restore damaged areas to provide habitat and promote biodiversity.
  o Case2:
    ▪ Installing Slopetame2 in areas previously developed with asphalt or concrete, and seeding with native plants, would contribute to the percent of area restored.

• **SS Credit 5.2: Site Development – Maximize Open Space (1 Point)**: To promote biodiversity by providing a high ratio of open space to development footprint.
  o For All 3 Cases:
    ▪ Use of Slopetame2 will increase the vegetated open space necessary to achieve this credit.

• **SS Credit 6.1: Stormwater Design – Quantity Control (1 Point)**: To limit disruption of natural hydrology by reducing impervious cover, increasing on-site infiltration, reducing or eliminating pollution from stormwater runoff and eliminating contaminants.
  o All Cases:
- Use of Slopetame2 will protect stream channel from excessive erosion.

- **SS Credit 6.2: Stormwater Design – Quality Control (1 Point):** To limit disruption and pollution of natural water flows by managing stormwater runoff.
  - All Cases:
    - Use of Slopetame2 can be used in vegetated swales to reduce imperviousness and promote infiltration and thereby reduce pollutant load.

- **MR Credit 4: Recycled Content (1-2 Points):** To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.
  - Slopetame2 counts as 100% PREconsumer Recycled Material

- **MR Credit 5: Regional Materials (1-2 Points):** To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.
  - Slopetame2 can qualify as long as the project is within 500 miles of Aurora, CO

### Beachrings2

- **SS Credit 5.1: Site Development – Protect or Restore Habitat (1 Point):** To conserve existing natural areas and restore damaged areas to provide habitat and promote biodiversity.
  - Case 1:
    - Use of Beachrings2 anywhere on site would not classify as site disturbance. Great for use as walkway or ADA accessible surface.

- **MR Credit 5: Regional Materials (1-2 Points):** To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.
  - Beachrings2 can qualify as long as the project is within 500 miles of Aurora, CO