

Sempergreen®
Moerings USA LLC Information package



Thank you for your interest in Moerings USA LLC and the Sempergreen[®] product line. Moerings USA LLC is the exclusive licensed grower of the Sempergreen[®] product line for the North American market. Included in this package is the following information:

Index:

- | | |
|--|--------------|
| ➤ Data (spec-) sheet on the standard Sempergreen [®] vegetation blanket. | Page 03 |
| ➤ Data (spec-) sheet on the Type-T Sempergreen [®] vegetation blanket. | Page 04 |
| ➤ Pre-installation, installation and maintenance instructions guide | Page 05 – 11 |
| ➤ Warranty issued by Moerings USA LLC on the Sempergreen [®] vegetation blankets. | Page 12 - 13 |
| ➤ Moerings USA LLC's Terms and conditions on the Sempergreen [®] product line. | Page 14 – 16 |

Company profile:

The Sempergreen® brand was established in 1996. By now the Sempergreen® brand and organization have developed into the largest supplier of vegetation blankets for roofs, roof terraces, embankments, roundabouts, central reservations, ground covering and sound barrier walls worldwide. Sempergreen® products are available in North America exclusively through Moerings USA LLC. For additional information please feel free to contact us via phone, fax or email or check out our webpage www.sempergreen.com.

Sempergreen®

Type: Standard Sempergreen® Sedum-mix blankets

Description:

100 % biodegradable vegetation blanket produced on a coir mat, a Sempergreen® substrate mix and a plant mix consisting out 12 to 14 varieties of succulents (Sempergreen® 3.0 blend). At the start of the production cycle, Sedum album, Sedum sexangulare and Sedum acre make up approximately 15% of the assortment used to produce a standard Sempergreen® sedum mat. The remaining 85% consists of a mixture of mostly other succulent varieties. Sempergreen® vegetation blankets are produced in accordance with FLL guidelines

Coverage when shipped:

85%

Weight dry:

Approx. 3-4 lbs/sq.ft

Weight saturated:

Approx. 4½ - 5 lbs/sq.ft

Approx. 22-24½ kg/m²

Tensile strength:

N/A

Thickness:

¾ – 1 Inch (1.9 cm – 2.5 cm)

Sq.ft per roll

25 sq.ft (2.32257 m²)

Width roll:

Approx 48" (120 cm)

Length roll:

Approx 75" (196 cm)

Succulent asst used in the standard Sempergreen® mix:

Phedimus (aka Sedum) spurium 'Fuldaglut'
Phedimus (aka Sedum) spurium 'John Creech'
Phedimus (aka Sedum) spurium 'Red Carpet'
Phedimus (aka Sedum) spurium 'Tricolor'
Phedimus (aka Sedum) kamtschaticum
Phedimus (aka Sedum) takesimensis 'Golden Carpet'
Sedum acre 'Gold Moss'
Sedum album 'Coral Carpet'
Sedum album 'Murale'
Sedum floriferum 'Weihenstephaner Gold'
Sedum reflexum 'Blue Spruce'
Sedum rupestre 'Angelina'
Sedum sexangulare
Sedum x Immergrunchen

Square footage per pallet:

14-15 rolls per pallet space = 350-375 sft per pallet space

Square footage per 53 ft enclosed truck (24 pallet spaces – 47" x 48"):

14 rolls/pallet 8400 sft, 15 rolls/pallet 9000 sft. Exact amount of rolls per pallet and sft per truck depends on the weight at the time of harvesting.

Company profile:

The Sempergreen® brand was established in 1996. By now the Sempergreen® brand and organization have developed into the largest supplier of vegetation blankets for roofs, roof terraces, embankments, roundabouts, central reservations, ground covering and sound barrier walls worldwide. Sempergreen® products are available in North America exclusively through Moerings USA LLC. For additional information please feel free to contact us via phone, fax or email or check out our webpage www.sempergreen.com.

Sempergreen®

Type: Type-T Sempergreen® Sedum-mix blankets (reinforced)

Description:

Vegetation blanket produced on a 100% biodegradable coir mat reinforced with non-biodegradable plastic netting, a Sempergreen® substrate mix and a plant mix consisting out 12 to 14 varieties of succulents (Sempergreen® 3.0 blend). At the start of the production cycle, Sedum album, Sedum sexangulare and Sedum acre make up approximately 15% of the assortment used to produce a standard Sempergreen® sedum mat. The remaining 85% consists of a mixture of mostly other succulent varieties. Sempergreen® vegetation blankets are produced in accordance with FLL guidelines

Sedum-mix blankets type T designed for (very) steep surfaces of up to 45 degrees. Their (minimum) maintenance depends on the build-up of the system (fertilize one to three times per year).

Coverage when shipped:

85%

Weight dry:

Approx. 4 lbs/sq.ft

Weight saturated:

Approx. 5 lbs/sq.ft

Approx. 24½ kg/m²

Tensile strength:

Approx. 10kN/m

Thickness:

Approx. 1 Inch (2.5 cm)

Sq.ft per roll

25 sq.ft (2.32257 m²)

Width roll:

Approx 48" (120 cm)

Length roll:

Approx 75" (196 cm)

Succulent asst used in the standard Sempergreen® mix:

Phedimus (aka Sedum) spurium 'Fuldaglut'
Phedimus (aka Sedum) spurium 'John Creech'
Phedimus (aka Sedum) spurium 'Red Carpet'
Phedimus (aka Sedum) spurium 'Tricolor'
Phedimus (aka Sedum) kamtschaticum
Phedimus (aka Sedum) takesimensis 'Golden Carpet'
Sedum acre 'Gold Moss'
Sedum album 'Coral Carpet'
Sedum album 'Murale'
Sedum floriferum 'Weihenstephaner Gold'
Sedum reflexum 'Blue Spruce'
Sedum rupestre 'Angelina'
Sedum sexangulare
Sedum x Immergrunchen

Square footage per pallet:

13-14 rolls per pallet space = 325-350 sq.ft per pallet space

Square footage per 53 ft enclosed truck (24 pallet spaces – 47" x 48"):

13 rolls/pallet 7800 sft, 14 rolls/pallet 8400 sft. Exact amount of rolls per pallet and sft per truck depends on the weight at the time of harvesting.

LIMITED AVAILABILITY – LIMITED AVAILABILITY – LIMITED AVAILABILITY – LIMITED AVAILABILITY – LIMITED AVAILABILITY

Sempergreen®

Installation and maintenance instructions guide Sempergreen® vegetation blankets

1. Roof soil preparation

- Tools needed:
 - 250 lbs lawn roller (pictured below).
 - Landscape rakes and shovels
 - Temporary Irrigation Drawings / equipment: OVERHEAD Sprinkler System. (7-9 GPM, 35-50psi)
- Action:
 - Compact the soil with the lawn roller to establish soil structure. Level soil and repair foot traffic damage (heel/toe marks). Pre-install a temporary overhead irrigation system prior to unrolling the mats to cool the soil surface on sunny days and prevent wind erosion. A hot surface will scorch the root systems of the freshly harvested product.



Lawn roller



Roofing substrate prepared for installation

2. Recommended transport of Sedum blankets on the roof (roof > 20,000 sft or roofs with just 1 drop point for crane)

- Recommended tools:
 - Plywood boards
 - Flat cargo carts (1,800 lbs capacity)
- Action:
 - Put down ¾" plywood boards to prevent excessive soil compaction. Use plywood as a road to easily maneuver the carts on and to protect mats from foot traffic after installation as well.



Plywood road to prevent soil compaction



Sempergreen®

Installation and maintenance instructions guide Sempergreen® vegetation blankets

3. Receiving and unloading from truck.

- Tools needed:
 - Pallet Jack (**PLEASE NOTE:** Pallet Jack NOT included with the load)
 - Forklift / Bobcat / lul with forks.
 - Preferably a shady spot for unloading
- Action:
 - Place the pallet jack in the truck. Pick the pallets from the truck with the forklift / bobcat. (We only ship on open-top flatbeds if the weather permits). Count the number of pallets and rolls. Note the paperwork. Unload in shade to protect plants from unnecessary heat exposure.
 - Do not remove the cardboard cover from the pallet until the product is ready to be installed. The cardboard cover gives the product protection from direct sun.
 - Confirm the inside of the roll to be cool to the touch (if hot, report to Sempergreen immediately). If the mats cannot be placed on the roof the day of delivery, contact Sempergreen for instructions. Do not leave the Sedum blankets on a roll overnight. Unroll at roof or street level but cool roof/street level first with a generous flush of cool water to avoid the root systems being scorched!



Most loads are shipped in an enclosed, temperature controlled, reefer truck. A forklift/lul and pallet jack are required for easy unloading.

4. Lifting to the roof:

- Tools needed:
 - Crane or other lifting device.
 - Flat cargo carts on the roof recommended (1,800 lbs capacity)
- Recommended action:
 - For roofs 0-10,000 sq.ft. lift up to 4 cargo carts to the roof area. Add 1 cart for every additional 10,000 sq.ft. Place forks or 2 straps under the Sempergreen pallet (-crates). Weight of a Sempergreen® pallet is approximately 1,750 lbs. Confirm the actual weight with Moerings USA LLC. At roof level, place pallet on a flat cargo cart. Have the crane spread out the pallets/shipping crates on the roof as much as possible. Bring cart across the plywood 'highway' as close as possible to the desired place of installation. Leave full cart for installation crew, bring back empty cart to reload.



Sempergreen®

Installation and maintenance instructions guide Sempergreen® vegetation blankets

Installing the Sempergreen® vegetation blankets

- Tools needed:
 - Knives or scissors
 - Buckets / wheelbarrow
 - One 6 foot long 1 -7/8" round pipe for each 3 installation crew members (*image right =>*)
 - Overhead Irrigation (sprinkler) system / hoses
- Recommended action:
 - Start in the far corner. Work towards crane position. Drop the flat cargo cart with pallet near the installation location. Stagger the mats in brick wall-type fashion.
 - Installers (2) place pipe through the cardboard tube in the center of the Sempergreen® roll. Carry the roll to actual place of installation. Remove the stakes keeping the blanket from unrolling. Place the rolled up Sempergreen® vegetation blanket carefully on the roofing substrate as a number 9 (side view) with the blanket flap downward. Unroll carefully. Put crumbled off vegetation back in place. We recommend you try to avoid walking on the mats! **DO NOT ROLL IN THE MATS AFTER INSTALLATION WITH THE LAWN ROLLER!!**
 - Use the knives/scissors to cut the mats around roof penetrations. Use left-over pieces / plant chunks to fill in bare spots. Mineral based soil dulls the knives/scissors rapidly. Bring plenty.
 - Water during, and immediately after, the installation. Wash in loosened soil with initial generous watering. Do not wait till the end of the day!



*Sempergreen® blankets are easy to install, even on sloped surfaces.
Note the instant coverage of 25 sft with each roll*



Sempergreen® blankets are easy to 'cut-to-fit' with a utility knife or pair of scissors

5. After Vegetative Mat Install Care

- Tools Needed:
 - Irrigation Lay-out Plan
 - Irrigation Timer
- Action:
 - Clean up the area of the roof. Sweep up soil to prevent erosion and keep drains from clogging.
 - Reposition hoses and OVERHEAD sprinklers to properly cover the complete roof WITHOUT the need to manually alternate. Set/adjust Irrigation timer to automate watering times. Thoroughly irrigate during/right after installation for a MINIMUM of 1 hour.

Sempergreen[®]

Installation and maintenance instructions guide Sempergreen[®] vegetation blankets

6. Recommended Watering Schedule (columns indicate # of irrigation cycles per week) USDA ZONES 3-8

	Spring	Early Summer	Late Summer	Fall	Early Winter
Week # after installation	April to May	June to July 15 th	July 15th to Sept 15 th	Sept 15th to Oct 30 th	Nov and Dec
	Number of 30-45 minutes irrigation per week depending on the water pressure and volume				
1-2	1 to 2	2	1 to 2	1	1
3-4	1	1	1	1	1
5-6	0-1	0 to 1	0 to 1	0 to 1	0 to 1

Recommended water pressure for temporary overhead irrigation is 9gpm at 35psi. If proper irrigation equipment has not been arranged we recommend you contact Mr.Wayne Wheeler at 'The Source Inc' (phone: 317-697-1160 or email wwheeler@virtualrain.com). At a reasonable fee 'The Source Inc' has the ability to supply the irrigation equipment needed (pictured below) including a booster pump, Yard Camel, Spider stands, hoses etc. A detailed plan/drawing of the surface to be irrigated needs to be produced in a timely manner. Inability to properly irrigate before, during and after installation until the roof is established gives Moerings USA LLC to void their standard warranty.



Yard Camel is a portable, multiple zone, timed watering system. Complete with controller, four valves and spider stands.



Flux Booster Pump to increase water pressure if needed.



Spider stand sprinklers to avoid damage to the roof.

Sempergreen[®]

Installation and maintenance instructions guide Sempergreen[®] vegetation blankets

Maintenance of a Sempergreen[®] vegetative Sedum Blanket Roof

PLEASE NOTE: Moerings USA LLC's 24 month warranty on the Sempergreen[®] vegetation blankets only applies if:

- The spec of the roof has been approved by Moerings USA LLC. The roof needs to meet FLL standards.
- Moerings USA LLC will only honor warranty on Sempergreen[®] products if there is a maintenance contract in place. Moerings USA LLC's warranty applies for as long as the maintenance contract is in place with a maximum of 24 months.
- Capability to properly irrigate the roof in extreme conditions is in place

1. Weeding

- Tools needed:
 - Bucket with handles
 - Tarp or large trash bins
- Action:
 - Do not weed in extreme cold or extreme hot weather. Avoid morning frost or mid day heat (85-100+ degree weather). Walk gently over the vegetation.
 - Pull out the complete weed plants including the roots. Be careful not to spread seeds, thus after one pulls a weed, immediately place in plastic garbage bag or waterproof bucket to prevent inadvertent seed spreading. Fill in bare spots with clippings from desired plants. If weeding with an herbicide is preferred, please read the directions carefully. Make sure that the treated areas are not walked upon. A coloring dye could be added for easy recognition of the treated areas.
 - During the warmer months of the year, when additional watering might have been needed right after installation to combat the excessive heat, one can expect a flush of weeds in the first 3-6 weeks. (This is a 1 time event caused by ideal watering scenario for weeds).
 - DO NOT EVER LET THE WEEDS SET SEED. This will cause a snowball effect. The weeds reseed at astronomical rates, which is very costly and near impossible to reverse.
 - Do not use any chemical weed control products without consulting with an independent expert or a Moerings USA LLC representative. Most, if not all, herbicides might/will inhibit the ability of the sedums to grow and spread.
 - Maintain a sterile work environment. Place tarp in center of the roof, do all loading and unloading of weeds above the tarp. Remove tarp from vegetation PRIOR to cleaning the tarp.
 - In general, once the roof is established, little weeding is needed. If the weed pressure is substantial, the roof is being irrigated too much. Typical weeding session is 40-60 weeds on a 6000 sq.ft roof. (30 minutes of labor) 3-5 times a year.



Do not allow weeds on the roof to establish seed heads. The amount of seeds dropped on the roof during cleanup will be tremendous. A green roof is a LOW maintenance roof once established, not a NO maintenance roof.

Sempergreen[®]

Installation and maintenance instructions guide Sempergreen[®] vegetation blankets

2. Irrigation (if needed)

- Tools needed
 - Hoses and overhead rotating or oscillating sprinklers
- Action:
 - Irrigate the bare spots (regardless if clippings were recently applied). During extreme droughts it is beneficial to give the roof some heat relief by irrigating generously for 30 minutes with an assembly of sprinklers.
 - Once established, irrigate only during a drought. On a typical 4" system, the roof can self sustain most of the time. However, in extreme heat (90+ degrees F) combined with prolonged drought (3-5 weeks of little or no rainfall) it's recommended to irrigate (overhead if available). It is best to soak the roof once for 45-60 minutes, and wait another 2-3 weeks before irrigating again (if needed).
 - Systems thinner than 4" most likely need to be supported with supplemental irrigation an additional 1-2 times per drought since the buffer/water storage capacity is more limited in these shallow systems.
 - Signs that the roof needs to be irrigated are: 1) exposed soil all throughout the roof 2) newly appeared holes in the vegetation scattered all throughout the roof of 3-4" in diameter. Sedum album is a great 'indicator' plant. This is the first plant to tell you it might need water by showing weakening of plant growth, dramatic shrinkage of plant, and red/brown discoloration.

3. Repair

- Tools needed:
 - Knife
 - Small shovel
 - Bucket
- Action:
 - If soil is eroded, replace with a thin layer of fresh soil.
 - Bare spots can be addressed with clippings taken from other healthy areas. Simply cut off 1-2" clippings from other desired plants. This will not harm the healthy plants. Bare spots will be filled out again in 1 growing season. Sprinkle as thick or thin as one prefers. No need to water although moisture will speed up the initial rooting process. Cuttings root/take the fastest in the early spring and the fall.

4. Fertilizing

- Tools needed:
 - Fertilizer. To avoid the sedums being damaged by too high a dose of fertilizer or a simple fertilizer spill, organic fertilizers like Holly Tone are recommended. If using an organic fertilizer is not an option due to the higher cost, we recommend a inorganic fertilizer. Exact type of fertilizer applied should depend on soil and water test results. Most common used coated slow release fertilizers are 18-6-12 or 14-14-14 from brands like Osmocote[®] and Nutricote[®]. As stated before, to optimize the performance of your roof the actual fertilizer type selected should depend on the soil and irrigation water test results.
 - Hand propelled spreader
- Action:
 - Follow the instructions of the fertilizer manufacturer and Moerings USA LLC and apply accordingly.
 - Emphasize the bare areas; de-emphasize the lush green areas where fertilizing might not be needed.
 - If an inorganic fertilizer is used, ALWAYS irrigate after applying the fertilizer or apply fertilizer prior to a foreseeable storm event. Result will be visible in less than 1 week.

Sempergreen[®]

Installation and maintenance instructions guide Sempergreen[®] vegetation blankets

- Fertilizer equals food for the plant. Food equals energy, health and reserves for when times are tough such as a deep winter cold and peak summer heat so feeding/fertilizing prior to the stress event is strongly recommended.
- A proper fertilizer dressing in the spring makes the water shortage resistance of the plants able to cope with drought much more effectively. Apply once in spring (when plants start to become active again) and once in fall (approximately 4 weeks prior to first average frost).

5. Crop confirmation

- Tools needed:
 - Camera
 - Email Address Sempergreen: richard@moeringsusa.com
- Action:
 - Take pictures 3 times a year during maintenance cycle visits. Take an overall shot and shots from any potential problem areas. Email to Sempergreen for verification. This action is required to maintain warranty on the vegetation for the first 2 years. Much can be told from a picture, enough to see if the roof warrants a visit from an expert.
 - Overall Sedum roofs are very low maintenance and anyone can do it. However, we do suggest more visits per year rather than too few. More frequent visits make maintenance per visit limited to 10-15 minutes and one keeps a tight eye on the property. It seems more expensive but, in the long run, it certainly is not. It rewards the property owner and give full credit to the maintenance crew.

Please feel free to contact either one of us if we can be of any further assistance.

With kind regards,

Your Moerings USA LLC/Sempergreen[®] team;

President	: Oscar Warmerdam	Cell	: 202.215.6005	oscar@moeringsusa.com
Sales	: Dick Bernauer	Cell	: 301.219.4071	dick@moeringsusa.com
Operations	: Richard Hoek	Cell	: 214.797.5300	richard@moeringsusa.com
		Office	: 540.399.5055 xt 101	
Production	: Jordy de Boer	Cell	: 845.401.9654	jordy@moeringsusa.com
		Office	: 540.399.5055 xt 102	

Sempergreen[®]

Warranty Moerings USA LLC on the Sempergreen[®] vegetation blankets

- **Warranty Period**

- 24 months
 - The date of installation is agreed to in writing by Moerings USA LLC during the time of the year extreme weather (heat/drought/cold) is to be expected.
 - The Sempergreen[®] vegetation blankets might not be warranted by Moerings USA LLC in zone 8-10 of the AHS Heat zone map. This will be determined on a case by case basis.
 - Moerings USA LLC is responsible for replacement material and freight, only up to the total value of the Moerings USA LLC invoice, after failure of the Sempergreen[®] vegetation blanket has been verified and confirmed by an independent and objective 3rd party to be at fault of Moerings USA LLC. Under no circumstances will Moerings USA LLC be liable for incidental or consequential damages arising from use of its products.
 - Moerings USA LLC will only honor this warranty if there is a maintenance contract in place. Moerings USA LLC's warranty applies for as long as the maintenance contract is in place with a maximum of 24 months.
 - Any claim on Sempergreen[®] products is conditioned on you, the customer, providing proof that you strictly complied with the terms of installation and care demanded by the product as set out in the Moerings USA LLC installation and instructions guide.
- Product Quality
 - Virtually weed free upon installation.
 - Minimum 8-11 plant species per 100 square feet upon delivery and 85% coverage upon delivery, and at the end of the warranty period, provided a maintenance agreement was in place that provided for adequate watering, nutritional supplements and weeding.

- **Requirements**

- Pre-Install Phase
 - Substrate used is an extensive green roof substrate. The substrate meets the FLL specifications in regards to soil particle distribution. No excessive heavy metals are allowed in the soil. The substrate's EC cannot be in excess of 2.5. Ideally the substrate's EC is between 0.8-1.8 at the time of installation.
 - Drainage layer selected and installed is capable of processing / transporting excess water off the roof.
 - Approval of roof drawings, green roof assembly design and specifications and growing media samples by Moerings USA LLC. If this information is not, or cannot, be provided, Moerings USA LLC will not warranty the material to perform under proven unfavorable green roof designs impacted by lack of water processing capability/obstruction, extreme wind uplift, climate, northern exposure and/or poor substrate.
 - Confirmation of proper irrigation equipment.
 - An irrigation water sample needs to be taken and a detailed report, created by a neutral agency, send to Moerings USA LLC to confirm the quality to be of acceptable levels of pH, hardness, sodium levels etc.
- Install Phase
 - Roof is installation ready at requested arrival time of the Sempergreen[®] materials.
 - Product will be installed and watered the day of arrival, or unrolled and watered in a designated area.
 - Dated digital image is emailed to Richard@moeringsusa.com as proof of installation on the day the product arrives.

Sempergreen[®]

Warranty Moerings USA LLC on the Sempergreen[®] vegetation blankets

- Initial irrigation right after installation: 1 hour soaking with conventional overhead sprinkler system with ¾" hose. Do not use underground drip irrigation as the sole water supply for the first 4 weeks.
- Substrate to be cooled down with water before placing the mats if needed. A hot substrate will scorch the root systems and prevent the plants from taking up water and nutrients.
- After Installation
 - Duration: 30-45 minutes depending on water pressure. 9gpm and 35psi minimum volume and pressure is preferred. It is acceptable for the mats to have a temporary setback in coverage as they re-establish a root system.

Week # / watering per week:						
	Spring	Early Summer	Late Summer	Fall	Early Winter	
	Water/week	Water/week	Water/week		Water/week	Water/week
1-2	1-2	2	1-2		1	1
3-4	1	1	1		1	1
5-6	0-1	0-1	0-1		0-1	0-1

- When applying regular irrigation in the late spring, summer, and early fall, a weekly rinse of 45-60 minutes of heavy watering is required to prevent mineral buildup, left behind from the irrigation water and subsequent evaporative process in the soil layer.
- After the establishment phase irrigate the roof as needed. As soon as the roof starts showing signs of stress (plants shriveling up or discoloring), water once till saturated.
- For best results with fertilizer, fertilize when the night temperatures are at or above 56°F
- Periodic Photo Confirmation is required. Although Moerings USA LLC is likely to remind you when images are due, it is your responsibility to ensure the images are provided to Moerings USA LLC following the timeline set out below. The images can be emailed to Richard@moeringsusa.com
 - At Installation
 - At week 4
 - At week 12
 - At week 26
 - Pre-Winter Photo and/or following Spring photo

Sempergreen[®]

Terms & conditions Moerings USA LLC on the Sempergreen[®] vegetation blankets

How to order:

Orders may be placed by: fax: 540-399-9085 or Email: richard@moeringsusa.com

Please be sure to include the following information with your order:

- Name of the project
 - ANY special circumstances we should know about in order to make a successful delivery
- Contact info
 - Company, contact person and contact person's phone number
- Ordering info
 - Quote number (if applicable)
 - Your Purchase Order number or Job Number that needs to be listed on our invoice.
- Billing:
 - Billing and shipping addresses
 - Phone & fax number and e-mail address on the 'Bill to' address
 - Sales tax exemption number (if applicable)
- Shipping
 - Requested delivery date, time and volume. This will be verified by Moerings USA LLC 1 week prior to shipping.
 - Phone & fax number and e-mail address on the 'Ship to' address
- Agreement:
 - A copy of these Terms signed by your authorized representative

Lead time: In general we will have the standard Sempergreen[®] Sedum Mat available to ship any day of the year, bar unforeseen weather and crop failures. The maximum lead time on approved custom grown assortments and/or large orders is 12 months depending on the time of the year and the growing space available when the order is placed.

Minimum order:

Minimum order is 100 square foot. Quoted and/or published prices are FOB Moerings facility in Virginia unless indicated otherwise. Moerings USA, LLC will arrange freight and forward the charges. Detention charges and load cancellation fees will be passed on to the customer if Moerings USA LLC is not at fault. Moerings USA LLC prefers to ship temperature controlled. Any other means of transportation is done at the risk, and per the instruction, of the customer.

Contact information:

Sales and Marketing:

Oscar Warmerdam
Dick Bernauer

C: 202-215-6005 oscar@moeringsusa.com
C: 301-219-4071 dick@moeringsusa.com

Shipping / Operations:

Richard Hoek.

C: 214-797-5300 richard@moeringsusa.com

Accounting / Administrative:

Jeanette Schouten

T: 540-399-5055 jeanette@moeringsusa.com

Sempergreen[®]

Terms & conditions Moerings USA LLC on the Sempergreen[®] vegetation blankets

Payment:

All bills on product sold at list price receive a 3% discount (on product only) if paid in full within 10 days of the invoice date. All bills are due at net in 30 days (3% 10 net 30) unless another arrangement is in place. 1.5% interest per month (18% year) will be added to any balances left unpaid after 30 days. Any balance that remains unpaid after 60 days might result in a workman's lien applied against the property. On orders placed by accounts without established and/or approved credit Moerings USA, LLC holds the rights to require a 25% deposit due upon placing the order. This deposit will be applied proportionately against all invoices of all shipments.

Ownership of the delivered goods will change from Moerings USA LLC to the buyer the moment all balances are paid in full. The buyer agrees that if an overdue balance remains unpaid they shall be liable for collection charges including attorney fees. This agreement shall be construed under the laws of the Commonwealth of Virginia. Action to enforce payment shall fall under the jurisdiction of the Commonwealth of Virginia Circuit Court or General District Court of Culpeper County, Virginia as applicable. If Moerings USA LLC is required to file suit to protect its rights and thereafter substantially prevails, it shall be awarded its legal costs including reasonable attorney's fees.

Warranty:

See Moerings USA LLC warranty on the Sempergreen[®] product lines

Any claim on Sempergreen[®] products is conditioned on you, the customer, providing proof that you have strictly complied with the terms of installation and care demanded by the product as laid out in Moerings USA's warranty on the Sempergreen[®] product line.

Claims:

- Shipping damage has to be reported to the trucking company and noted on the carriers B.O.L. No credit will and can be issued without the proper back up on damaged shipments.
- Claims need to be reported and processed within 24 hours after receiving the shipment.
- Claims need to be communicated with Moerings USA LLC in writing and are to be backed up with digital images and a clear description of the issue.
- Credits cannot be taken, and shipments cannot be returned, without the authorization of Moerings USA LLC.
- Outstanding balances due to unauthorized short payments will be subject to a 1.5% monthly interest fee.

Program related information:

Please note that the quoted pricing will expire at the date listed on your custom quote.

Handling of product:

Our vegetative mats need to be unrolled within 24 hours after delivery (IF THE INSTALLATION CANT TAKE PLACE WITHIN THIS TIME FRAME, IT IS CRUCIAL TO UNROLL THE MATS AND WATER) unless stated differently on the submitted quote, the order confirmation or the shipping paperwork. It is crucial to protect the uninstalled mats from direct full sun and heat as much as possible.

Sempergreen[®]

Terms & conditions Moerings USA LLC on the Sempergreen[®] vegetation blankets

Program related information (continued):

Weather conditions:

Moerings USA LLC reserves the right, without penalty, not to harvest and ship during extremely wet or cold conditions for quality and safety reasons. If the weather conditions demand it, Moerings USA LLC will contact you the week before the scheduled ship date with a weather report, and when needed, a suggested revised ship date. Unforeseen damage to our crops (due to Acts of god etc) do not cause Moerings USA LLC to be liable to unforeseen expenses incurred at the customers' end.

Shipping:

Shipping time frames:

Moerings USA LLC will ship their product year around. Please note that during hot weather the vegetative mats cannot be in transit for more than 12 hours without being transported in a temperature controlled truck

Transportation:

To keep your purchase price down, our products are sold FOB Culpeper County, VA. However, since Moerings USA LLC arranges the freight we will take responsibility for the product during transportation. Damages incurred during transit do need to be noted by the receiving party on the Bill of Lading as stated under the header CLAIMS.

Canada Shipments:

For each shipment of plants there will be:

- Phytosanitary certificate and treatment fee - \$100.00
- Handling charge - \$55.00

The undersigned agrees to be bound by the above terms and to be bound by facsimile signature as set out below

_____ Company name	_____ Date
By _____	_____ Sft
_____ Title of authorized signatory	_____ Project name / PO #