



Roof Recycling Program

Benefits to the Roofing Contractor:

- Competitive advantage when bidding jobs with environmentally conscious customers.
- Reduced landfill-tipping fees.
- Reduction in environmental impact.



A roofing worker in the photo, top of the page, is seen cutting old roofing membrane into strips. Directly above, a worker rolls up the membrane prior to tack-welding the edges and placing it in the recycle container.

Turning Older Vinyl Roofs into New Roofing Membrane Products

For many roofing contractors, it's now easier than ever to be *green*. Sika Sarnafil has introduced a recycling program for vinyl roofing that greatly benefits the environment while providing the roofing contractor with several important advantages.

The Sika Sarnafil Roof Recycling Program seeks to create a cost neutral pricing arrangement between the company and contractors to keep waste — perhaps mountains of used roofing vinyl — from overburdened landfills. The recycling program relies on proven vinyl recycling technologies and conserves valuable natural resources.

Sika Sarnafil is the first U.S.-based company to introduce a recycling program for commercial roofing membranes. The company invested in large-scale processing equipment and developed a simplified logistics plan to streamline and enhance the process for participating contractors.

The company has successfully processed both Sika Sarnafil and competitive vinyl membranes at the end of their service life into raw material suitable for use in the manufacture of new membrane products.

A Practical, Efficient Plan

Municipal costs associated with the disposal of construction waste continue to accelerate at an alarming rate as available landfill space dwindles. Under this recycling program, contractors turn over the bulk of an older vinyl roof to Sika Sarnafil, and need not pay the costs associated with hauling it to a local dumping site.*

The program directs contractors to remove older roof membranes at the end of their useful life and ready them for reprocessing, following a few simple steps.

Sika Sarnafil supplies contractors with containers and accompanying pallets for the recycled materials — these items are shipped to contractors at no cost and delivered along with new roofing materials.

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Remove, Prepare, Pack, and Load

Contractors participating in the Sika Sarnafil Roof Recycling Program are responsible for a few key tasks in the process.

- Contractors put old membrane (membrane only, no rubbish or other debris) in 4-ft.-by-4-ft. cardboard Gaylord containers placed on pallets.
- Old membrane is to be free from fasteners and plates as well as other foreign matter (stones, trash, etc.) and is cut into strips from 36 inches to 39 inches wide.
- Membrane strips are wound as tightly as is practical in lengths of 30 feet to 50 feet, with no core.
- The roll edges for the old roof membrane are tack-welded to secure the material. Tape is **NOT** to be used for this purpose.
- Trimmings from a new roof installation may also be packed in the containers along with the materials to be recycled.
- A minimum of 500 lbs. of used membrane is packed into each individual container. Under ideal conditions, containers can hold up to 1,700 lbs.
- Packed containers are protected from precipitation using a tarp, recovered membrane, etc.
- When the containers are packed, contractors notify Sika Sarnafil and the company arranges for a truck for pickup. Contractors load the palletized containers on the truck.
- Sika Sarnafil coordinates the trucking of the containers to the processing facility.



Rolls of old roofing membrane being readied for hoisting off the side of the building to the work area below.

Contractor labor costs related to recycling are minimal, if any, and are generally offset by a significant savings in disposal fees.

The Roof Recycling Program applies only to re-roofing projects incorporating the installation of a new Sika Sarnafil membrane.

Older roofs suitable for recycling must consist of a non-adhered membrane. The company accepts all non-adhered Sika Sarnafil membranes. Competitive non-adhered vinyl membranes are accepted if they meet company specifications, based upon analysis of a 8.5 inch by 11 inch sample.

Recycling Expertise

Sika Sarnafil has been a leader and an innovator in the manufacture of thermoplastic roofing for more than 40 years. Much of the recycling technology utilized by the company was developed years ago — vinyl roof recycling has been conducted in Europe for more than a decade.

* Recycling program costs and logistics vary according to the geographic location of the project. Please consult your Sika Sarnafil representative for further information.

In addition to this post-consumer recycling program, Sika Sarnafil recycles its post-industrial waste back into newly manufactured roofing and waterproofing membranes.

Sika Sarnafil's Roof Recycling Program creates a strong bond between manufacturer and contractor as they unite to address waste issues — issues which affect industry ... and the world.

To learn more about the Sika Sarnafil Roof Recycling Program, please call 800-451-2504 or visit www.sikacorp.com ... or in Canada, call 800-268-0479 or visit www.sika.ca.



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