

Evergrip 990 Strips - Product Data Sheet



Description

Evergrip 990 is a concrete joint sealant made with a unique blend of asphalts enriched with high grade polymer. Available in convenient strips, Evergrip 990 is a preformed, ready-to-use, flexible gasket that provides an excellent seal for concrete pipes, culverts, manholes and other precast concrete joints.

Typical Physical Properties

Property	Min	Max
Bitumen, % by wt	50	70
Inert filler content, % by wt.	30	50
Volatile matter, % by wt.		2.0
Specific gravity @ 77F/25C, (g/ml)	1.2-1.35	
Ductility @ 77F/25C, (cm)	5.0	
Softening Point	320F/160C	
flash point, C.O.C.	600F/315C	
Penetration @ 77F/25C, 150 gms, 5 sec. (dmm)	50	120
Adhesion and hydrostatic pressure	No leaks (24 hrs.)	
Sag or flow resistance	No sagging	
Chemical resistance	No visible deterioration	

Storage and Handling

Evergrip 990 should be stored in a dry area protected from the elements. Cartons should not be stacked over six high. Conditions should preclude contamination of the joint sealant by any foreign material such as silt or mud during the installation process. In hot weather, the material tends to soften; dipping sealant strips in cool water will allow easier release of the paper. Conversely, in cool weather, the material stiffens; dipping strips in warm water or storing in a warm area prior to use will aid in paper release.

Application

Concrete surfaces to which the sealant is to be applied must be clean and dry. All mud, dirt, grease, oil, and loose particles should be removed from the surfaces. The release paper should be stripped from only one side of sealant. The outside paper should be left in place to protect the sealant from contamination and stretching. The sealant strips should be attached end to end to the leading edge of the tongue or groove of each pipe joint until a continuous gasket is established around the entire circumference of the pipe joint. The material should be pressed firmly into place through the outside release paper. The outside paper should be removed just prior to jointing the pipe. Contaminating the exposed sealant with any foreign materials should be strictly avoided. Care should be taken not to disturb the gasket placement. Any contaminated sealant should be removed and replaced and any displaced strips should be repositioned prior to jointing the pipes. See pipe manufacturer's instructions for proper pipe jointing procedures. Excess sealant may be either trimmed with a putty knife or rolled to a smooth finish. The trench can be backfilled as soon as the joining process has been completed.

Clean-up

Excess sealant should be scraped off surfaces. Asphalt stains can be removed with non-hazardous, bio-degradable cleaners. Waterless hand cleaner should be used on skin, following the cleaner manufacturer's instructions carefully. Flammable or combustible petroleum based solvents should not be used.

Martin Asphalt Quality

Evergrip 990 meets or exceeds all requirements of ASTM C 990, U.S. Federal Specifications SS-S-210A, Type 1, Rope Form, and AASHTO Designation M-198-10. It is certified to meet or exceed highway department specifications. Through Martin Asphalt, you get **Everything Asphalt**—a full range of products. In addition, you receive technical assistance in selecting the right materials and application. The company's AASHTO Certified Laboratory makes sure the products meet your specifications. And your products are delivered both on spec and on time via Martin's Gulf Coast network of production plants, storage facilities and transportation fleet including ocean-going and inland barges, rail cars and tanker trucks.

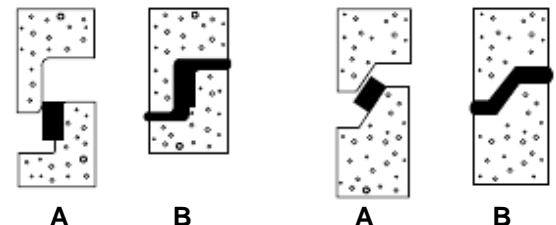
Packaging

English Units

Sealant Size	Pieces/ Carton	Ft/ Carton
3/4" x 2'6"	50	125 ft
1" x 2'6"	35	87.5 ft
1" x 3'6"	35	122.5 ft
1 1/4" x 3'6"	28	98 ft
1 1/2" x 3'6"	20	70 ft
1 3/4" x 3'6"	13	45.5 ft
2" x 3'6"	10	35 ft

Metric Units

Sealant Size		M/ Carton
19mm x 762mm	50	38.1 m
25.4mm x 762mm	35	26.7m
25.4mm x 1067mm	35	37.3m
31.75mm x 1067mm	28	29.9m
38.1mm x 1067mm	20	21.3m
44.45mm x 1067mm	13	13.9m
50.8mm x 1067mm	10	10.7m



A – Sealant Placement
B – Joint After Compression