

PRODUCT DATA SHEET

Greenstreak® ARC Waterstop

ARCTIC GRADE FLEXIBLE PVC WATERSTOP

PRODUCT DESCRIPTION

Greenstreak® Arctic Grade PVC Waterstop is a flexible PVC waterstop that is specially formulated to retain its physical properties and performance in excessively cold environments.

USES

- Water/Waste Water Treatment Plants
- Lock and Dam Systems
- Reservoirs and Aqueducts
- Flood Walls
- Retaining Walls
- Foundations
- Tunnels and Culverts
- Bridge Abutments
- Containment Structures and Tanks
- Slabs-on-Ground

CHARACTERISTICS / ADVANTAGES

- Embedded in concrete, across and/or along the joint, waterstops form a watertight diaphragm that prevents the passage of liquid through the joint.
- Meets the physical property requirements of Ontario Hydro Standard M-264-81
- Meets the physical property requirements of the Canadian General Standards Board 41-GP-35M Type II

PRODUCT INFORMATION

Packaging	Available in various lengths.	
Shelf Life	N/A	
Storage Conditions	Material must be protected from direct sunlight	
Tensile Strength	13.8 MPa	(ASTM D638)
Tensile Modulus of Elasticity	>10 MPa	(ASTM D638)
Elongation	350%	(ASTM D638)
Tear Strength	50 KN/m	(ASTM D746-98)
Service Temperature		

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Greenstreak® Arctic Grade PVC Waterstop must be installed prior to concrete placement to ensure proper positioning and concrete consolidation around the waterstop. All transitions, intersections, and splices should be heat welded to maintain continuity. Factory Made

Fabrications are recommended for all intersections and changes of direction. Specific installation requirements will vary depending on the style of profile, please refer to Sika's PVC Waterstop Installation Guide and Splicing PVC Waterstop Installation Guide available at usa.sika.com.

All transitions, intersections, and splices must be heat welded using a Sika Greenstreak Splicing Iron in compliance with the instructions shown in Sika's Splicing PVC Waterstop Installation Guidelines found at usa.sika.com.

LIMITATIONS

The size, shape, and style of waterstop should be based on specific application needs. Please consult a Sika Greenstreak Engineer at 800-325-9504 for assistance with profile selection.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY

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