

Hydrotech® Hydroguard

formerly known as Hydroguard



BUILDING TRUST

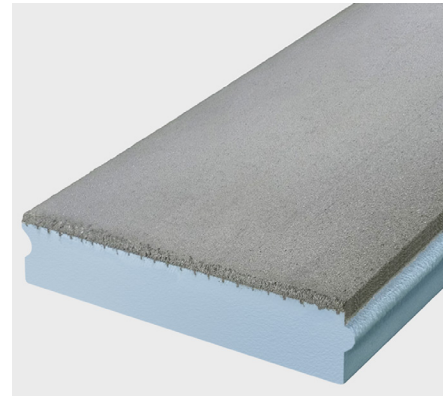


GENERAL DESCRIPTION

Hydroguard consists of extruded polystyrene foam insulation topped with a 3/8 in. or 15/16 in. latex modified concrete with tongue and groove edges along the long sides of the panels.

BASIC USE

Hydroguard is ideally suited to provide both insulation and lightweight ballasting to a roof system. Hydroguard, installed above the roof membrane (IRMA/PMR), also provides protection to the membrane from mechanical abuse and environmental extremes. Hydroguard must be installed in strict accordance with Hydrotech's installation guidelines.



LIMITATIONS

- Hydroguard is designed to accept light foot traffic. Walkway pads or concrete pavers must be provided where continuous or excessive foot traffic is anticipated.
- Hydroguard is intended for Range 1 securement installations only.
- Hydroguard should be shielded from direct sunlight when stored outdoors for extended periods of time.

PRODUCT INFORMATION

- Board size - 24" x 48"
- Board weight (per sq/ft) - Standard 4.5lbs / Heavy 11lbs
- Board thickness - 2" / 3" (+ 3/8" topping Standard / 15/16" topping Heavy)

TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
THERMAL RESISTANCE (R/in.)	ASTM D751-66	5.0 @ 75°F 5.4 @40°F
WATER ABSORPTION (% by volume, max.)	ASTM D1621	<0.1
WATER VAPOR PERMEANCE (perm, max.)	ASTM E96	0.8
COMPRESSIVE STRENGTH (foam, lb./sq.in.)	ASTM D1621-79	40
POINT LOADING (1 in. x 1 in., lb./sq.in.)		450 (STD) 1300 (HVY)
THERMAL CONDUCTIVITY		0.2

LEED INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	2.2 (pi)	
Manufacture Location		Hamilton, OH
Extraction/Harvesting Location		Contact American Hydrotech for info

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.