

## GENERAL DESCRIPTION

USG Securock Gypsum-Fiber Roof Board, as marketed by American Hydrotech, Inc., is a rigid, square-edged, roof substrate board composed of recaptured gypsum and cellulose fiber. Securock is made with 97% certified recycled content.

## BASIC USE

Securock Gypsum-Fiber Roof Board is designed to be used as an acceptable substrate for the application of Hydrotech’s Monolithic Membrane 6125®-FR (MM6125-FR) membrane. Securock is secured to minimum 22 gauge structural metal decking with appropriate plates and fasteners (min. 10 per board) or construction adhesives. The 5/8 inch thick Securock panels must be used when securing directly to the metal decking. The 1/2 inch thick Securock may be used when securing through rigid insulation to the metal decking.



## SIZES

Securock from Hydrotech is available in standard 4 foot X 8 foot panels and 1/2 inch or 5/8 inch thicknesses.

## TECHNICAL DATA

THICKNESS		1/2 inch	5/8 inch
WEIGHT (lb./sq.ft., nominal)		2.3	3.02
FLEXURAL STRENGTH (lb., min., parallel)	ASTM C473	110	161
COMPRESSIVE STRENGTH (psi, nominal)		500	500
FLUTE SPANABILITY (in., max.)	ASTM E661	8	8
PERMEANCE (perms)	ASTM E96	26	24
WATER ABSORPTION (% max.)	ASTM C473	10	10
SURFACE WATER ABSORPTION (grams, nom.)	ASTM C473	1.6	1.6
R VALUE	ASTM C518	0.5	0.6
COEFFICIENT OF THERMAL EXPANSION (inches/inch • °F)	ASTM E831	8 X 10 <sup>-6</sup>	8 X 10 <sup>-6</sup>
LINEAR VARIATION w/CHANGE IN MOISTURE (inches/inch • %RH)	ASTM D1037	8 X 10 <sup>-6</sup>	8 X 10 <sup>-6</sup>
MOLD RESISTANCE	ASTM D3273	10	10

**LEED® INFORMATION**

	Credit 4	Credit 5
Recycled Content (% by weight)	97 (pi)	
Manufacture Location		Gypsum, OH
Extraction/Harvesting Locations		85% Conemaugh, PA 15% Freemont, OH
VOC Content (g/L)		0

This information is intended only for general conceptual purposes. It is based on data and knowledge considered to be true and correct. It is offered for the user's consideration, investigation and verification and is not intended to substitute for the advice provided by appropriate professionals. Hydrotech assumes no liability for the use of this information. The determination of the suitability and applicability of this information is the sole responsibility of the user.