



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 ⁻⁶	8 X 10 ⁻⁶
LINEAR VARIATION w/CHANGE IN MOISTURE (inches/inch • %RH)	ASTM D1037	8 X 10 ⁻⁶	8 X 10 ⁻⁶
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

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