



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 95% 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 (MM 6125-FR) membrane. Securock is secured to minimum 22 gauge structural metal decking with appropriate plates and fasteners 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 and 5/8 inch thicknesses.

TECHNICAL SPECIFICATIONS

PROPERTY	TEST METHOD	RESULT	
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