

Standard Product Availability

- Panel sizes of 48" x 96"
- Panel thickness' of 1", 1 1/2", 2" and 2 1/2"
- Furring strips at 16" and 24" on center

Gold-Wall insulating panels are constructed of EPS insulation with embedded galvanized (G-60) steel furring strips (25ga) embedded at 16 or 24 inch centers.

Gold-Wall is available in other thickness' and densities. Please call for quote.

- Does not support mold: Gold-Wall does not support or promote the growth of mold.

Applicable Standards

ASTM C578-01 ASTM C645-00
ASTM C754-00 ASTM A653
Gold-Wall Patent #6,725,616

For more information, please call or visit us at
www.plymouthfoam.com

800-669-1176

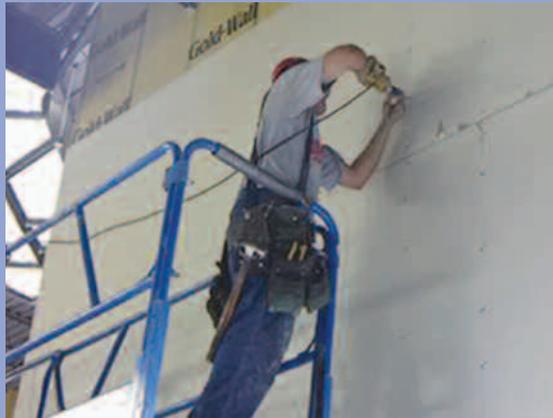


Look for these designations on DuraSpec Building Products

© 2006 Plymouth Foam Inc. (8/06)



Gold-Wall cuts easily with common tools.



Drywall attaches easily to the embedded galvanized (G-60) furring strips (25ga).



There is no steep learning curve when using Gold-Wall. Voiding out for conduit or cutting out penetrations can be done with a hot knife or common tools.

Gold-Wall[®]

WALL INSULATION SYSTEM

A superior alternative to rigid board, multi-step Z-furring systems.

Get more done with greater efficiency by using a better insulation system.



Plymouth
Foam
INCORPORATED
DuraSpec Building Products

Gold-Wall®

**Lower installation costs.
Superior thermal performance.**

Gold-Wall is an innovative way to insulate over concrete block, precast, tilt-up, or poured concrete walls. It has numerous advantages over the conventional Z-furring systems:

- Significantly faster installations
- Dimensional stability
- Higher R- values

Gold-Wall, made from expanded polystyrene (EPS), is unique because it is factory-made with 25 gauge galvanized (G-60) steel studs embedded directly into the insulation. The EPS board and rigid studs are then laminated on both sides with a durable polymeric facer.

Recently, 88% of polled Architects rated thermal performance as the top factor in specifying wall insulation. Gold-Wall insulates better than conventional Z-furring systems because the embedded steel studs are completely isolated from the exterior wall. In a Z-furring system the steel Z- strip is in direct contact with the exterior wall, transferring the cold through to the interior surfaces, reducing the insulation's R factor by over 42%*. Additionally, Gold-Wall virtually eliminates condensation and related issues such as shadowing. *Construction Technologies laboratories R-Value Comparison, Project #181035.



Because Gold-Wall comes in panels with built-in studs, installation is FAST, EASY and ACCURATE.



Stud spacing remains accurate, panel to panel, with stud spacing at 16 or 24 inch centers.



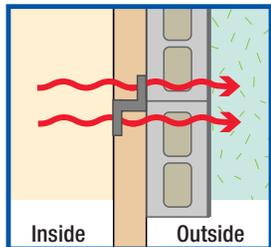
Use a circular saw, utility knife or hot knife to make accurate cuts where you need them.



Minor in the field trimming offers the ability to easily float inside drywall corners.

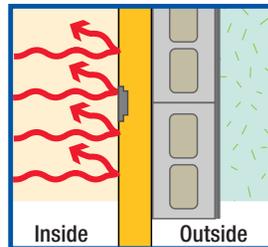
Gold-Wall Eliminates Thermal Bridging

Z-furring



"Thermal Bridging" where metal furring contacts masonry causes 42% energy loss.

Gold-Wall



No "Thermal Bridging". Better energy performance. No condensation issues.

PHYSICAL PROPERTIES	Thermal Resistance		Water Vapor Transmission	Water Absorption	Flame Spread	Smoke Developed
	@ 40°F	@ 75°F				
Unit(s) of Measure:	R-Value		Perms	% by Volume		
ASTM Test Method:	C 177		E 96	C 272	E 84	E 84
1" Gold-Wall	4.17	3.85	0.07	0.20	15	95-125
1.5" Gold-Wall	6.26	5.78	0.07	0.20	15	95-125
2" Gold-Wall	8.34	7.70	0.07	0.20	15	95-125
2.5" Gold-Wall	10.43	9.63	0.07	0.20	15	95-125