WALL SYSTEMS

VARCO PRUDEN BUILDINGS

THERMALCLAD SHALLOW PLANK™ PANEL

FEATURES

- 26 gauge exterior and interior steel panels
- 42″ wide panel with a durable textured finish
- Available in four thicknesses, 2″ – 4″
- Offset tongue-and-groove sidelap joints
- Non-CFC and zero ODP Polyurethane Core

BENEFITS

- Double-walled foam insulated panel for high R performance and exceptional energy efficiency
- Embossed exterior facing for architectural appeal
- Concealed fastener system provides secure, attractive installation
- Provides the highest available insulating value per inch of any insulating material
- Environmentally friendly insulation properties

VP BUILDINGS
VARCO PRUDEN

THERMALCLAD SHALLOW PLANK™ WALL PANEL

An attractive and durable sandwich panel ideal for exterior walls or interior partition applications

VP's ThermalClad Planked Panels feature sturdy 26 gauge steel panels on both exterior and interior faces. The exterior panel is factory-formed with vertical lines to present an attractive and durable finished wall ideally suited for most commercial and industrial buildings. The embossed G-90 steel exterior panels are coated in 70% fluoropolymer finish to provide long term, low maintenance performance. Interior panels are planked design 26 gauge steel, factory coated with a white polyester finish. USDA approved finishes available.

The embossed G-90 galvanized or AZ-50 aluminum zinc coated steel exterior facing features a 70% fluoropolymer finish to provide long term, low maintenance performance. Interior facing is a 1/8" nominal planked design 26 gauge steel, factory coated with a white polyester finish. USDA approved finishes available. For complete color selections, refer to Varco Pruden's color card #6024.

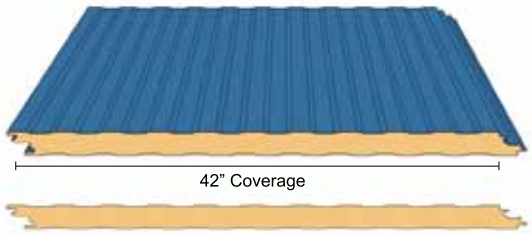
The panel core is a foamed-in-place non-CFC polyurethane that offers zero ozone depletion potential (ODP), no global warming potential (GWP) and no EPA limits to its usage. With thermal efficiency, recycled steel content and low-VOC material, ThermalClad makes an ideal choice for LEED and sustainable construction.

All insulated sandwich panels are designed and manufactured to provide long-term, low-maintenance performance. VP offers a 25 year standard finish warranty. For specific warranty information, refer to VP's Warranty Guide.

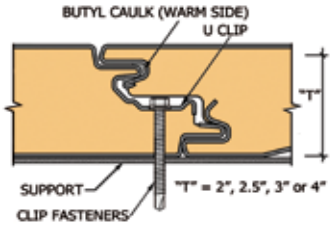
For information about this or any other VP product or service, contact your local authorized VP Builder.

Note: All panels formed from light gauge metal may exhibit waviness, also known as "Oil Canning," commonly occurring in, but not restricted to, flat portions of a panel. This inherent characteristic is not a defect of material or manufacturing and is not cause for rejection.
ThermalClad exterior finishes meet Kynar 500 and Hylar 5000 specifications.
Kynar 500® is a registered trademark of Arkema.
Hylar 5000® is a registered trademark of Solvay Solexis.
Note: Tests and approvals include FM 4880 and FM 4881, Dade County Air and Water infiltration tests AAMA 501, ASTM E 283 and E 331.
**Some colors are not recommended for exterior color on cooler and freezer buildings.*

THERMALCLAD WALL PROFILE



ThermalClad's Concealed Fastener System



R-Values with Air Films		
Panel Thickness	75° Mean Temperature	40° Mean Temperature
2"	15.14	17.03
2.5"	18.71	21.29
3"	22.27	25.55
4"	29.42	34.06

R-Values include the air films on each side of the panel. 75° Mean based on ASTM C-518 Thermal testing. 40° Mean based on ASTM C-1363 Thermal testing (Values for C-1363 based on 4" panel testing. All Values for other thicknesses extrapolated). The R-value of the polyurethane core used in these panels provides the highest insulating value per inch thickness of any building material available today.

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