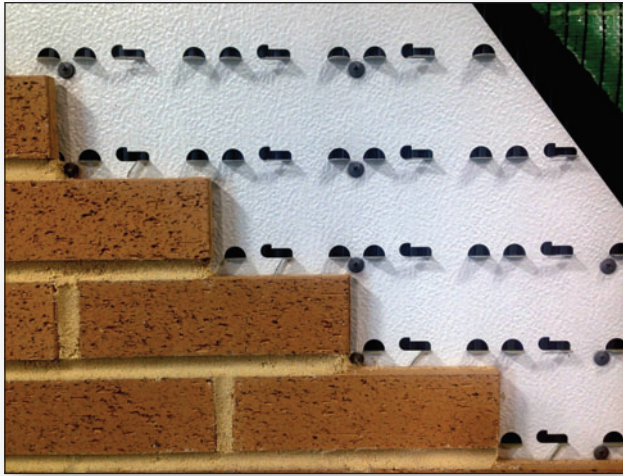




Product Information TABS Wall Systems



Applications

The TABS Wall System is designed for use in lighter weight construction over framing with steel or wood studs. The system can also be installed over concrete, existing brick, block and cement board. The TABS Wall System is suitable for residential, commercial, industrial and infrastructure applications. The system provides the perfect template for the installation of thin veneers (1/2" to 1-1/4" thick) including brick and tile, as well as natural, manufactured and cast stone.

Description

The TABS Wall System is a G-90 galvanized, thermal set coated steel panel with support tabs for thin veneers. The panels are US certified structural grade steel. TABS Wall Systems supplies the appropriate fasteners, adhesives, flashings and mortar additives for installations. In addition, TABS will supply air and moisture building wraps, insulation, rainscreen drainage cavities and support brackets for larger, heavier veneer accent units.

TABS Wall Systems can also supply various thin veneers, including brick, tile and cast stone.

Test	Conclusion
ASTM C-297-99 Shear Bond Strength Test of Mastic	1500 lbs of force to pull one modular thin brick from the TABS II panel
AFG-01 Mastic	Not affected by moisture, freeze/thaw cycling or oxidation.
ASTM D 3498 Mastic	Moisture Resistance 100% - No Delaminating, Oxidation Resistance 100%
ASTM E-72 Windload Test	Meets the requirements for use with commercial or residential mid-rise & high-rise applications
ASTM E—119-00 Fire Resistance Test	Temperature did not rise above prescribed levels and water hose test was met.
ASTM E-84-03 Surface Burn Spread & Smoke Development	Flame Spread Index = 0 Smoke Developed Index—0
ASTM B-117-03 1000 Hour Salt Spray Test	No Staining or corrosion was observed after 24 hours of exposure.
ASTM D1037-99 Nail-Head Pull-Through	The fastener did not pull through the panel.
ASTM E 2273-03 per EG356-2006 Water Drainage	Wet Masonry Percent of Recover was 98.42%.
ICC-ES EG356 3.1.6 Accelerated Weathering	Not affected by accelerated weathering chamber for prescribed period.
ASTM E96-05 ICC-ES EG356 Section 3.1.3 Water Vapor Transmission	Permeance 0.00 Perms.
ASTM C1338-02 ICCES EG356 Section 3.1.1 Fungi Resistance	Demonstrates the resistance of fungal contamination.
NFPA 285— Flame Spread Test	Engineering extensions for the TABS Wall System as a component can meet the criteria of NFPA 285. (TABS is an approved component of Carlisle Coating & Waterproofing Assemblies.)
*Complete Test Reports Available through TABS Wall Systems	

Features & Benefits

- Lightweight – as low as 7 lbs. per square foot, up to 14 lbs. per square foot
- Brick veneer uses 80% less embodied energy in comparison to full width brick
- No foundation brick ledge required
- Design load for framing L/360 versus L/600
- No lintels required
- More usable floor space on same building foot print
- Year-round installation
- Potential lower labor costs (installed by various trades)
- More design freedom (cantilevers, etc) due to lighter weight
- Easily mixed with other lightweight facade materials (i.e. EIFS, sidings, etc)
- Easier to change facade in future renovations

Components

- TABS II Heavy Duty & TABS IP Panels G-90 galvanized, thermal set coated steel structural steel panels
- TABS Galvanized and coated fasteners for steel or wood studs; fasteners for cement, stone and brick
- TABS Flashings for façade openings, starter tracks, control joints and transitions to dissimilar materials
- TABS Adhesives designed for brick, tile and stone
- TABS Latex mortar additive for type S mortar

Optional Components

- TABS Drainage Plane Rain Screen 3mm and 5mm
 - TABS Building Air and Moisture Barrier Wrap
 - TABS Insulation
- (Optional components can be sourced from others)

Can Be Installed

The TABS Wall System is designed to provide support and alignment for adhered thin veneer installations. TABS features an installation video on its web site, as well as an installation guide. Both are available in English and Spanish. In shop or on-site training is available upon request. The TABS Wall System can be installed in exterior and interior applications.

Reference Information

The TABS Wall System web site (www.tabswallsystems.com) provides the following information:

- System Specification in Master Spec Format
- Installation Guide Lines and Videos
- Summary of Independent Certified Testing
- Systems Details
- Warranty



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TABS II Heavy Duty Limitations

- Not for use in below grade or submerged conditions
- Standard system installation shall be a minimum of 1 1/2" above finished grade. Installation over foam insulation is limited to 2"; for installations over greater thicknesses, consult TABS Technical Support Department
- Adhesive must be kept free from freezing and heat above 86 degrees
- Panels and veneer must be clean, frost free and dry during installation
- TABS Materials should be stored out of direct sun light
- Installation of mortar must be at 40 degrees and rising
- Veneer thickness: minimum 1/2" (5/16" tab up to 5/8" material) / maximum 1 1/4" on long tab (9/16").
- Veneer weight cannot exceed 14 lbs per linear ft.
- All mortar/grout joints must be shallow struck.
- Installation shall be to Tabs manual and/or local/regional code whichever is more stringent.

Health and Environmental Information

Material Safety Data Sheets for all components are available upon request.

TABS II Heavy Duty Warranty

TABS Wall Systems provides a 25 year system warranty for all provided system components and a 50 year warranty for the panels. Contact TABS for copies of the warranty.



Made in the USA