

United Wall Systems

TABS II PANEL COMPONENT FEATURES/BENEFITS

All of the base components of the TABS II system are comprised of accepted materials and standards in the construction industry.

FEATURE: STRUCTURAL GRADE STEEL PANEL; BENEFITS:

1. Tensile strength of steel facilitates higher sidewall wind loading – particularly in diaphragm engineered systems.
2. Is a steel lintel for the thin veneer's sheer weight to rest on – a true mechanical (structural) support system.
3. Double steel support tabs align the thin veneer horizontally and vertically on the panel for easy installation.
4. Integrated keys stamped into the panel, tie the veneer and/or mortar mechanically to the panel.
5. Zinc-coated hot dipped galvanized to a G-90 rating for corrosion prevention, exceeding commercial specification.
6. Steel panel is fastened and applied to a wall like any other standard siding, no special clips, hooks, or trims needed.
7. Pre-punched fastener holes align with standard stud placement, and helps prevent oil canning of panel. Hardened steel sheets help brace the wall, minimizing wall racking.
8. Structural grade steel has approximately the same co-efficient of thermal expansion as thin veneer and mortar.

FEATURE: HEAVILY EMBOSSED PANEL; BENEFITS:

1. Provides a build-in weep system on both sides of the panel for true moisture control.
2. More surface area for mortar and mastic to attach to.
3. Fully embossed therefore mastic and mortar grab better.
4. Makes for easier handling.

FEATURE: THERMO-SET COATING; BENEFITS:

1. White color helps reflect and evenly distribute heat.
2. Finish is a two-coat, thermo-set, acrylic polyester for better mastic and mortar adhesion.
3. Provides additional corrosion protection.

FEATURE: HIGH SOLIDS TABS MASTIC; BENEFITS:

1. Impervious to water.
2. Not affected by freezing.
3. Remains pliable after initial set.
4. Base product has been marketed for over 35 years.

FEATURE: VENEERS; BENEFITS:

1. Customized finishes – numerous colors, textures and sizes (brick, tile, marble and granite).
2. Tested to meet and pass severe weather requirements.
3. Can be maintained and cleaned like standard brick, tile and stone.

FEATURE: LATEX MODIFIED MORTAR; BENEFITS:

1. Uses Portland cement base (S grade mortar mix) for higher compressive strength.
2. Water-based acrylic latex gives high shear properties to mortar.
3. Allows mortar to remain flexible.
4. Reduces permeability rating of mortar, for better moisture control.

TABS II Mechanical Support System Offers:

1. Light weight finish-32kg/m² (6.5 lb. per square foot).
2. 13mm (½" high) profile that can be used with standard trims, moldings, windows and door frames.
3. Year round installation.
4. Assembled components have about the same co-efficient of expansion, allowing components to cycle together.
5. Custom manufactured panel heights and tab spacing.
6. Utilizes less expensive labor.
7. Faster and simpler installation methods.
8. Limited height restrictions.
9. Patented panel design.
10. Full depth mortar joints.

With standard construction methods and materials, A TABS II wall system can offer.

1. Moisture control, using standard flashing or weep methods.
2. Certified/Listed fire rating and wind load tests.
3. Exterior insulative thin veneer finish.
4. High shear and wind resilient thin veneer walls.
5. Structural curtain and spandrels panelized wall sections.
6. Tilt-up construction methods with finished thin veneer.
7. Diaphragm wall system that helps eliminated moisture.