

# NetWork™ 305 -- 1.544" Wall System

December 1, 1997

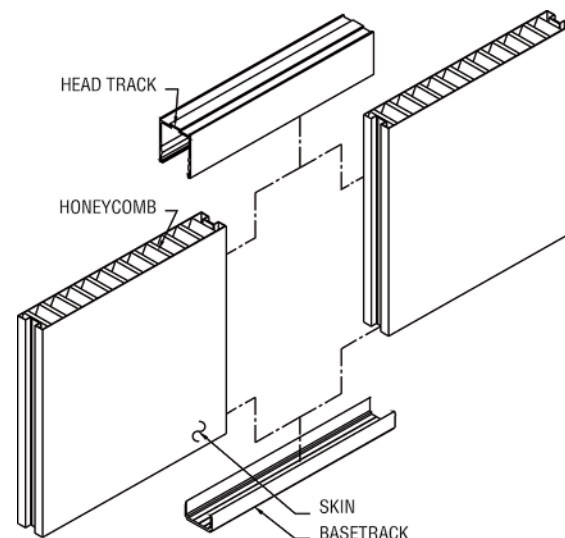


**The 305 Studless Wall is a Daw product designed specifically for cleanroom application where high demountability is required.**

## OVERVIEW:

The Network™ 305 is a stud-less aluminum honeycomb curtain wall system. The basic components consist of only the headtrack, base track and wall panels reducing the parts and pieces required to install this system to a fraction of those required to install a typical panel-on-stud wall. Formed panel edges and integral gaskets eliminate the need for battens. The timesavings and convenience derived from these features are significant. Tool changes, bulkheading and future wall modifications are expedited preserving valuable manufacturing time using this studless batten-free wall system.

The Network™ 305 is a 1.500" non-progressive demountable wall system comprised of aluminum honeycomb panels and extruded aluminum trim. The 305 wall is designed for areas where high demountability is required. It is fully compatible with the Network 304 panel-on-stud 0.500" wall system that would normally be used for furring or in areas where the cleanroom envelope including the air delivery system needed to be floor supported and/or extensive pipe racking was anticipated. The system is capable of spanning 12'-0" high. The 305 facilitates quick and easy installation requiring only the head and basetrack be installed prior to panel installation versus a panel-on-stud wall involving stick framing prior to placement of wall panels. Flush glazing, retrofit glazing, return-air grills, bulkheading and integral doors are also available.



## CHARACTERISTICS:

- > 12'-0" wall deflection performance: Uniform load of  $<L/240 @ 5 \text{ lbs. Per sq. ft. (24kg/sq.m.)}$ .
- > Aluminum honeycomb panels.
- > Epoxy powder coat finish.
- > Aluminum extrusion alloy: 6063, T5 Aluminum sheet stock alloy: 5052, H32.
- > Panel weight is approximately 1 pound per square foot.

## FEATURES:

- > Panels are available in a variety of coatings including conductive, static-dissipative and chemically resistant.
- > Various glazing options available for filtering U.V. and/or conductive or static dissipative glass.
- > Panels and appurtenances available in either Imperial or metric sizes.
- > Integral conduit penetrations are available.
- > Integral pipe racking studs compatible with Unistrut® hardware available.
- > Non-progressive demountable design.
- > Grounding clips for conductive or static dissipative partitions available.
- > Monitor and keyboard shelves available.
- > Packaging is performed in a clean packaging area to minimize the wipe down process when components are prepped for installation.

## BENEFITS:

- > The 305 system wall installs in less time than a typical panel-on-stud wall resulting in a shorter ramp-up of the cleanroom envelope.
- > Lightweight construction and batten-less panels simplify installation.
- > Aluminum construction permits easy field penetration and/or modification for process piping, bulk-heading and automated material handling systems (AMHS).

*For more information please contact Daw Technologies' Product Development at 801.977.3100*