

TECH BRIEF



**NATIONAL
PARTITIONS**
BUILD FOR CHANGE

IN-PLANT HI WALL™

Why bother with the cost, downtime and mess of conventional construction when National Partitions' Hi Wall™ gives you an economical solution for dividing areas in your plant. Our prefabricated modular Hi Wall™ system is constructed in a controlled environment and construction/assembly times are only a fraction of conventional methods with substantially reduced mess and plant disruptions. And, our Hi Wall™ system doesn't require costly concrete footers like block construction.



Constructed of single piece, 3" to 6" thick, steel-faced insulated panels up to 40 feet high, our Hi Wall™ system is custom-installed around existing pipes, joists and structures. This panel system features 24 gage, G90 hot-dip galvanized facings with baked-on acrylic enamel, providing you with unmatched strength and durability. It is also Class A fire rated and utilizes ThermalCore™ EPS insulation, and to suit your needs, optional urethane insulation if higher R-values are required.

Every Hi Wall™ system that we produce also features our non-progressive design to give you maximum flexibility. This non-progressive design feature allows you to replace or exchange panels without disturbing adjacent panels, saving you both time and money. **In fact, it is the only interchangeable partitions system available at up to 40 foot panel heights.**

NATIONAL PARTITIONS ADVANTAGES



The Industry's Only **NON-PROGRESSIVE DESIGN** for In-Plant Height Wall Systems

What does that mean? It's your ability to replace or exchange a panel(s) without disturbing adjacent panels. So, if a panel gets damaged, or if you would like to relocate a door, you can move that panel independently and not have to remove the panels on either side just to access it. This gives you maximum flexibility and saves you time and money. And it's only available from National Partitions.

CUSTOMIZATION

In addition to our custom-installation, the Hi Wall™ system is also flexible enough to meet the needs of your space and operations. We customize structural steel frames for overhead doors, removable sections, pass-throughs or any special opening needs your facility has. We also customize top caps for unusual top-of-wall connections.



QUALITY

With National Partitions' Hi Wall™, you get unmatched quality in every panel and every component in every system.



GalvaCoat

Galvanized components to protect the system from corrosion, ensuring years of use.



PeelCoat

A temporary laminated film that safeguards the system's finish from fabrication through installation.



Graffiti Proof

The industry's most durable finish. Developed with Sherwin-Williams, our baked-on acrylic enamel finish is backed by a 20-year guarantee. It won't crack, peel, chip, or fade—and it's tough enough to resist graffiti—keeping your system looking new for years to come.



Fire Resistant

The wall construction has class "A" fire rating with optional 25' corner test construction also available.



Code Compliant

We meet all major building codes (ANSI, ICC, IBC, IBCO, UBC) with our modular systems.



10 Year Warranty