



Solid Plastic Partitions

National Toilet Partitions offers Solid Plastic partitions. All Solid Plastic partitions are made from 1" thick sheets that will not rust, chip, dent, delaminate or swell. Solid Plastic partitions are designed for heavy use areas such as schools, arenas, parks, auditoriums, restaurants and retail outlets. They are an excellent choice when water and high humidity are present. Here are several reasons why Solid Plastic is a strong choice for partitions.

- Solid Plastic partitions have consistent color throughout the material. Scratches do not reveal a different color core.
- Solid Plastic partitions are **graffiti resistant**, leaving only minor shadowing.
- Solid Plastic is **non-absorbent**. Water and odors will not be absorbed into the panels. It is a great choice when the bathrooms are washed down with hoses.
- National Toilet Partitions offers a United Underwriters Laboratories **Class B Fire** rating as standard. **Class A** is available.
- National Toilet Partitions offers 16 Rapid Fire Solid Plastic colors. Matching polymer shoes and brackets are available in solid colors.
- National Toilet Partitions offers 16 Rapid Fire Solid Plastic colors that we can ship to you within 15 days after the professional drawings are signed by the customer and returned to us.
- Solid Plastic partitions from National Toilet Partitions come with a **15 year warranty** against breakage, delamination and warping under normal use and care.

Solid Plastic Series

Series	Description	Usage	Thickness		
			Panel	Door	Pilaster
15000	Solid Plastic (HDPE)	Standard Heavy use areas.	1"	1"	1"



Solid PlasticTM Partitions

Property	Typical Value	Comments	Units
Density	0.96	ASTM D1505	g/cc
Tensile Strength	4,350	ASTM D638	psi
Flexural Modulus	240,000	ASTM D790	psi
Elongation	300	ASTM D638	%
Environmental Stress	15	ASTM D1693	Hrs.
Hardness	68	ASTM D648	Shore D
Heat Deflection Temp. @ 66 psi	78	ASTM D648	°C
Flame Spread Index ¹	65	ASTM E84	
Smoke Density Index ¹	<450	ASTM E84	

¹ Meets Class B Fire Rating Requirement

Solid Plastic Hardware Availability

Rapid Fire 15 Day Program

Hinge	Aluminum Wrap Around Hinges
Door Hardware	Aluminum Door Latch and Keeper
Brackets	Double High Aluminum Brackets

Select Hardware

Hinge	14-gauge Surface Mounted Stainless Steel, Cast (11-gauge) Surface Mounted Stainless Steel, Full-High Aluminum w/ Cover Plate, 14-gauge Full-High Stainless Steel, Integral Hinge, Aluminum Wrap Around, 16-gauge Full-High Stainless Steel
Door Hardware	Zamac, 14-gauge Stainless Steel, Cast Stainless Steel, Aluminum, Recessed Zamac, Recessed 14-gauge Stainless Steel, Recessed Cast Stainless Steel
Brackets	Single-High Aluminum, Double-High Aluminum, Full-High Aluminum, Single-High Stainless Steel, Full-High Stainless Steel, Cast Stainless Steel, Full-High Plastic, Zamac