

# MANHATTAN Collection



## ULTRA-MODERN LOOK

- High Gloss finish — with a depth of color and a mirror-like finish, our .5 mm thick P.E.T. surface results in a more reflective and ripple-free surface (standard product thickness is .1-.3 mm).
- Super Matte finish — features rich color and a soft texture. Our .4 mm thick surface results in a smoother look and feel.

## DURABLE

- Super Scratch Resistant (SSR) Coating, a hard coat finish for excellent scratch resistance
- Impact and shatter-resistant
- Water-resistant
- Hygienic; does not promote bacterial growth
- Stain and UV resistant
- Won't crack, peel, flake, or delaminate

## SUSTAINABLE

- TSCA Title VI certified particle board substrate
- Safe, non-toxic and chemically neutral, inert material
- PVC and BPA free
- No Volatile Organic Compounds (VOCs)
- Manufactured in the USA

## AFFORDABLE

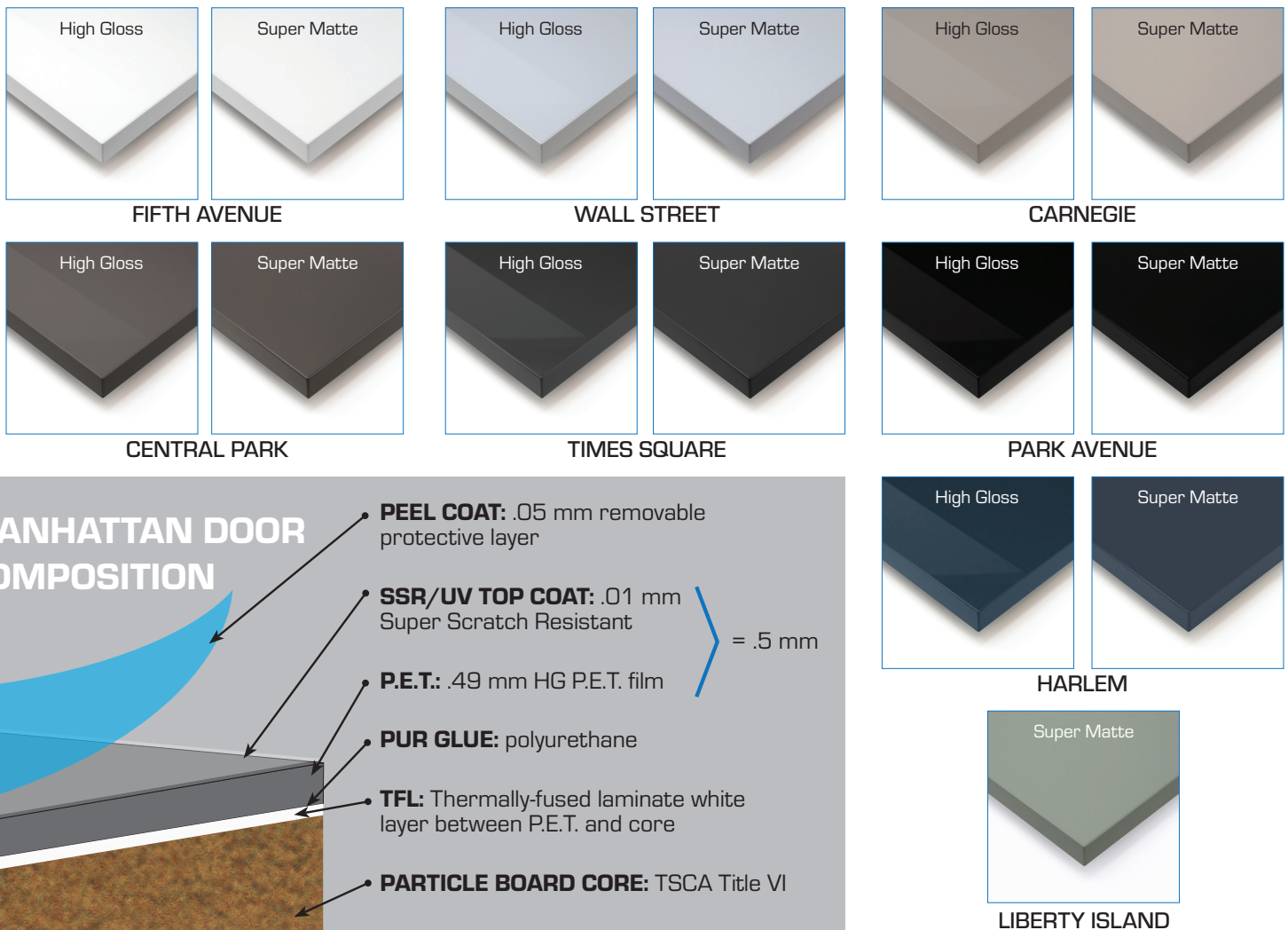
- Less expensive than acrylic
- Lower cost of maintenance and ownership

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## MANHATTAN doors are available in high gloss or super matte finish.



### MANHATTAN DOOR COMPOSITION

- PEEL COAT:** .05 mm removable protective layer
  - SSR/UV TOP COAT:** .01 mm Super Scratch Resistant
  - P.E.T.:** .49 mm HG P.E.T. film
  - PUR GLUE:** polyurethane
  - TFL:** Thermally-fused laminate white layer between P.E.T. and core
  - PARTICLE BOARD CORE:** TSCA Title VI
- Total Thickness = .5 mm**

PROPERTIES	SPECIFICATION	METHOD
Gloss level*	91°	Viewed at 60°
Matte level**	4°	Viewed at 60°
Scratch Resistance	0.4 N (Force scale .1-10 N)	DIN EN 15186
Stain Resistance	No change after 30 minutes	NEMA
Bond Strength	100% Fiber Split	
Surface distortion	<235° C   455° F	NEMA
Backing	Shaker doors: color matched TFL Slab doors: standard white TFL. Matching MANHATTAN finish available as an option.	

\* High Gloss surface rates 91° on the Surface Reflectivity Scale. Back-painted glass rates 100°.

\*\* Super Matte surface rates a 4° on the Surface Reflectivity Scale. A rating of 4-6° is considered the lowest gloss level achievable.

### MANHATTAN DOOR EDGEBOARDING

Hot Air edgebanding, composed of 1.2 mm polypropylene, is applied without adhesive. During the Hot Air process, the base layer melts to bond with the substrate and fills all voids at the edges. The result is a fully encased water-resistant door. Super matte faces with matching edgebanding give the look of a painted surface without cracking or peeling. Both super matte and high gloss finishes provide easy to maintain surfaces.

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