FOREST BRIGHT
ARCHITECTURAL WOOD DOOR

LIGHTWEIGHT DOOR SOLUTIONS

TPB / FOAM CORE · 2026



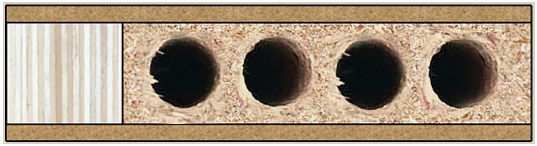
Solid-core doors deliver performance — and weight: strained hinges and closers, ADA opening-force limits, slower installs, higher freight. Forest Bright's two engineered lightweight cores keep the flush-door look, face options and factory machining — and take the weight out of the leaf.

Tubular Particleboard Core

TPB — tubular particleboard core

Non-Rated · 1-3/8"–2"

A solid particleboard slab extruded with continuous tubular voids — proven for decades worldwide. Machines and finishes like standard particleboard, with a solid feel at **28% less weight** than a solid PB leaf. The budget-smart choice for non-rated interiors.

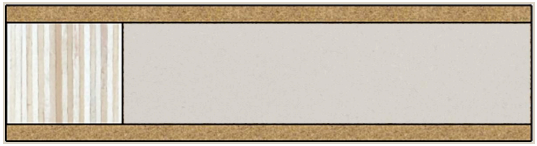


Foam Core

FO — modified EPS foam core

Non-Rated · 1-3/8"–2" · STC 30

Our custom modified-EPS core is the lightest leaf in the line — **38% less weight** than solid PB — and, unlike conventional foam doors, acoustically engineered: **STC 30, tested** with seals & gaskets. Solid-core acoustics at a fraction of the weight. The specialist choice for tall doors to 10'0", sliding hardware, and hardware-sensitive openings.



Forest Bright Lightweight Doors are:

- **Non-rated construction** — singles to 4'0" × 10'0", pairs to 8'0" × 10'0"
- **Wood veneer, paint grade (HDF / MDO), and HPDL / TFL face options**
- **Solid-core acoustics on FO** — STC 30, tested with seals & gaskets
- **Gentler on frames & hardware** — reduced ADA opening force
- **Faster to handle & install** — lower freight weight
- **Manufactured to ANSI/WDMA I.S.1-A** — SCL stiles & rails, factory machining per shop drawings

Leaf weight — 3'0" × 8'0" × 1-3/4"

Mineral core	≈204 lb / 93 kg	
SCL core	≈144 lb / 65 kg	
Solid PB core	≈132 lb / 60 kg	BASELINE
Tubular PB	≈95 lb / 43 kg	−28%
Foam core	≈82 lb / 37 kg	−38%

MN / SCL / PB per typical factory data (8.5 / 6.0 / 5.5 lbs/sq. ft.); TPB & FO calculated (3.9 / 3.4 lbs/sq. ft.). HPDL faces, SCL stiles & rails. Reductions shown vs. solid PB core (red baseline). Actual weights vary with size, face and hardware preps — consult factory.