

Interior Doors Life Cycle Cost Analysis

Summary sheet

	WOOD VENEER	PLASTIC LAMINATE	HOLLOW METAL	ACROVYN® DOORS
Initial investment cost for 500 doors				
Total initial investment cost	\$270,000	\$299,000	\$362,500	\$625,500
Operating costs (labor & material replacement over 10 years)				
Number of doors replaced	360	300	360	0
Material replacement cost	\$194,400	\$179,400	\$261,000	\$0
Labor replacement cost	\$61,380	\$40,269	\$55,800	\$0
Maintenance cost over 10 years				
Repairs (quantity)	2,140	420	14,690	0
Labor/material repair cost	\$193,841	\$126,399	\$335,373	\$0
True Total Cost	\$719,621	\$645,068	\$1,014,673	\$625,500
Total Per Door Cost	\$1,439	\$1,290	\$2,029	\$1,251

REPAIR COST BREAKDOWN		REPAIR COST BREAKDOWN		REPAIR COST BREAKDOWN	
Labor: Prep area (10 min.)	\$10.30	Labor: Remove and repair door (100 min.)	\$103.00	Labor: Paint door (35 min.)	\$18.03
Labor: Sand door (25 min.)	\$25.75	Labor: De-skin the door (60 min.)	\$61.80	Cost of paint	\$ 4.75
Labor: Apply putty (15 min.)	\$15.45	Labor: Prep door for lamination	\$25.75	Total	\$22.83
Labor: Paint door (35 min.)	\$18.03	Cost of 2 laminate sheets	\$96		
Labor: Clean-up (10 min.)	\$10.30	Cost of Type 1 adhesive	\$14.40		
Cost of putty	\$6.00	Total	\$300.95		
Cost of paint	\$4.75				
Total	\$90.58				

Analysis is based on purchasing 500 doors: 3670 non-rated with standard preps. Costs are in USD.

For more detailed information on door types as well as costs, view our complete white paper.

