

Cost Comparison: 1-2-3 Door Shield vs. Field-Engineered Protection for 3070 door

	Door Shield	Plastic Corrugate 4X8 single-wall	Regular Corrugate 4X8 single-wall	Regular Corrugate 4X8 single-wall	Regular Corrugate 4X8 double-wall	Regular Corrugate 4X8 triple-wall	Notes:	
Burst Pressure Test Strength	413#	Unknown	200#	275#	275#	1100#	(1) Prices based on Uline Catalog price for 100 sheets. 100 sheets will protect 50 doors. (2) Assumes 12- one foot pieces of tape at \$.03/ft required to secure corrugate to door. If more tape is required, cost will increase. (3) Based on actual contractor reports of the time required for one or two laborers to cut the board to size, notch for hardware and tape in place. (4) Based on contractor estimate of time required to remove and dispose of materials. No provision has been made for the cost of labor to remove the adhesive from doors when field-engineered protection is uninstalled. (5) Includes labor costs to install and uninstall twice. (6) Includes labor costs to install and uninstall three times. (7) Includes labor costs to install and uninstall four times.	
Costs:								
Corrugate (1)		\$20.80	\$3.82	\$5.88	\$6.01	\$15.61		
Sheets per door		2	2	2	2	2		
Total Corrugate		\$41.60	\$7.64	\$11.76	\$12.02	\$31.22		
Tape (12 feet @ \$.03/ft) (2)		\$0.36	\$0.36	\$0.36	\$0.36	\$0.36		
Total materials		\$41.96	\$8.00	\$12.12	\$12.38	\$31.58		
Install Labor (30 minutes @ \$20/hr) (3)		\$10.00	\$10.00	\$10.00	\$10.00	\$10.00		
Uninstall Labor (5 minutes @ \$20/hr) (4)		\$1.67	\$1.67	\$1.67	\$1.67	\$1.67		
Total Cost of Field Engineered Protection		\$53.63	\$19.67	\$23.79	\$24.05	\$43.25		
Cost of Door Shield	\$39.95	√ Actual GC experience reported to Construction Protection Systems indicates per door cost to protect (using field engineered methods) is approximately \$40 per door.						
Install Labor (2 minutes @ \$20/hr)	\$0.67	√ Actual GC experience reported to Construction Protection Systems puts the cost of repair and replacement when no protection used to range between \$26.50 to \$167.00 per door (spread is a function of the value of the doors damaged).						
Uninstall Labor (1 minute @ \$20/hr)	\$0.34	√ Regular corrugated board will have an abrasive effect on finished doors - our Nomar liner protects against scratches and abrasion.						
Total Cost of 1-2-3 Door Shield (1 use)	\$40.96	√ No part of the Door Shield product adheres to any part of the door being protected. This eliminates cleanup and repairs caused by tape adhesive, which will damage delicate finishes and create a messy and time consuming cleanup problem at the end of the day.						
Total Cost of 1-2-3 Door Shield (2 uses) (5)	\$20.99	√ Door Shield significantly reduces the waste caused by other methods of do-it-yourself door protection, as each use eliminates the need for more materials to protect the next door and reduces the carbon footprint through multiple uses. Actual GC experience indicates Door Shields are typically re-used 3-6 times before recycling them. In some cases, re-use has exceeded 10 times. It is the ultimate in "recycling". Field-Engineered protection generally provides a one-time use.						
Total Cost of 1-2-3 Door Shield (3 uses) (6)	\$14.33	√ Door Shield folds into a compact unit that is easy to transport and store.						
Total Cost of 1-2-3 Door Shield (4 uses) (7)	\$11.00							



The Original Re-Usable Door Protection System
Patent # 7,448,173

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