

# LP® SmartSide® Siding More Resistant to Impact Damage



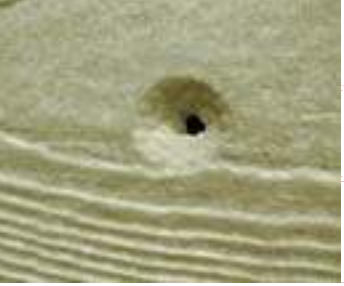





To help prove the superior durability of LP SmartSide Siding, LP Building Products asked the National Aeronautics and Space Administration (NASA) to evaluate the impact damage resistance of both engineered wood siding from the LP SmartSide brand and fiber cement siding.

Impact damage resistance was compared by impacting each type of siding with golf balls and baseballs, which could accidentally hit the side of a house, as well as marbles and rocks, which could be thrown from a lawn mower.

High-speed video cameras were used to measure projectile speeds and view damage to the siding.

## The NASA Evaluation Found:

“Under similar conditions, with all four projectiles more damage was sustained by the fiber cement siding product than the engineered wood siding product.”

Baseball	<b>Fiber Cement</b>		<b>LP SmartSide</b>	
	72.8 mph Large hole		77.7 mph No damage	
Golf ball	<b>Fiber Cement</b>		<b>LP SmartSide</b>	
	49.4 mph Dent on front, hole and fragmenting on back side		63.8 mph No damage	
River Rock	<b>Fiber Cement</b>		<b>LP SmartSide</b>	
	91.8 mph Dent on front, fractured and deformed surface on back		107.7 mph Small dent on front	
Marbles	<b>Fiber Cement</b>		<b>LP SmartSide</b>	
	120.8 mph Multiple dents on front, back side fractured		114.5 mph Small dents on front	

Video of the NASA evaluation and a link to the full written evaluation can be found at [LPSmartSide.com](http://LPSmartSide.com).

