

CeDUR Comparison



		CeDUR	wood shake	other synthetic shake	stone coated steel panels	concrete & clay tile
	Class A Fire Rating without the requirement of special fire resistant underlayment	Yes	No	No	Yes	Yes
	Molded from natural cedar shakes	Yes Available in 3 natural wood colors and molded from natural cedar shakes	Yes	No	Νο	No
••••	Class 4 Impact Resistant UL2218	Yes	No	Yes	Yes	Cracks easily, hail can cause severe damage
	Certified to 115 mph wind gusts	Yes	No	No	Yes	Wind damage not covered
	Freeze/Thaw Resistant	Yes	No	Yes although ice may accumulate in the cavity back	Yes	No not waterproof, can absorb 15% of water weight when wet
	Solid product with color throughout (no cavity back)	Yes	Yes	No cavity back creates need for special flashing and allows insects/debris buildup	Νο	Yes
	Required Maintanence	Low	High fire resistance maintenance required	Moderate replacement for breakage/curling	Low	Moderate to High -broken tiles
	Multiple Widths including 12"	Yes	Yes-but limited	Limited	Νο	No
$\sum_{i=1}^{n}$	Life Cycle Costs	Low Life Cycle Costs	High costs	Medium costs cleaning debris from behind	Low life cycle costs	High costs due to breakage Lifespan is 20-50 years
	3/4" Standard Thickness	Yes	Yes available but not standard	No	Νο	No
4	Weight	1.70 lbs/sq ft	1.5-2 lbs/sq ft	2.5-3 lbs/sq ft	1.25-1.75 lbs/sq ft	6-15 lbs/sq ft
eco	Improves Insulation of Roof	Yes	Wood shake would have some r value	No	Νο	No
	Warranty	50 Year Limited Material Warranty	limited warranty	50 year limited material warranty	lifetime limited material warranty	25-50 year warranty

*Information gathered from manufacturer's specifications, promotional literature, websites, independent testing laboratories and published industry statistics.