Roof Board Properties Comparison

	Criteria	SECUROCK	Densdeck	Densdeck Prime	Densdeck DuraGuard	Perlite Board	High Density Woodfiber
Properties	Face layer to delaminate	No	Yes	Yes	Yes	Yes	No
	Compressive Strength	High	Medium	Medium	Medium	Low	Medium
	Typical Adhesive Bond Strength** (psi)	160	30				
	Surface Water Absorption(nominal grams) C 473	1.6	2.5	2	1	High	High
	Flute Spanability	Best	Better	Better	Better	Good	Good
	Highly Absorbent Organic Material	No	No	No	No	Yes	Yes
Design Benefits	Number of fasteners per board to achieve 1-90 with 1/4"	10	> 12	12			
	Ability to use on parapet walls	Yes	No	No	Yes	No	No
	1/2" applied to parapet walls spans 24"O.C. framing	Yes	No	No	Yes	No	No
	Self Adhered bonds with out primer* (see footnote)	Yes	No	No	Yes	No	No
	Ability to use if vapor barrier is not desired	Yes	Yes	Yes	No	Yes	Yes
Applications Comparison and Recommendations	Single Ply Mech Attached	Recommended	Recommended	Acceptable	Not Recommended	Acceptable	Acceptable
	Single Ply Adhered with solvent	Recommended	Acceptable	Recommended	Acceptable	Not Recommended	Acceptable
	Single Ply adhered with water based	Recommended	Acceptable	Recommended	Not Recommended	Not Recommended	Acceptable
	Mod Bit Torched	Recommended	Not Recommended	Recommended	Acceptable	Acceptable	Acceptable
	Mod Bit Cold	Recommended	Acceptable	Recommended	Not Recommended	Acceptable	Acceptable
	Mod Bit Mopped	Recommended	Acceptable	Acceptable	Recommended	Acceptable	Acceptable
	Credit Opportunity for LEED Project	Yes	No	No	No	No	No
	Green Cross Certified by U.S. Green Build Council	Yes	No	No	No	No	No
Installed Cost	Adhesive Usage	Low	High	Medium	Low	Medium	Medium
	Potential to use fewer fasteners	Yes	No	No	No	No	No

* Confirm requirements to prime with membrane manufacture.

** Based on in house testing