



ICC-ES EVALUATION COMPARISON



SUNDECKS | ROOF DECKS | BALCONIES | PATIOS | STAIRS | POOL DECKS | WALKWAYS

Duradek Ultra ICC-ES ESR-2151 Evaluation Report compared to other PVC walking deck membrane competitors listed with ICC-ES

Manufacturer	Product Evaluated (a)	Membrane Description (b)	Uses	Code Compliance (c)	Fire Classification and Substrate	QC Inspections conducted by ICC
Duradek US Inc.	Duradek Ultra	PVC membrane laminated to woven fabric backing. 60 mils nominal.	Walking deck and classified roof covering system.	2015 IBC and IRC	A - Cement board/ plywood C - Plywood	Yes (e)
DEC-K-ING	DEC-K-ING Roofseal	PVC membrane polyester reinforced. 60 mils nominal.	Walking deck and classified roof covering system.	2018 2015 IBC and IRC	A - Concrete Surface C - Plywood	Yes (e)
Lonseal, Inc	Londeck	PVC membrane. 80 mils nominal.	Walking deck system.	2012 IBC and IRC	N/A	N/A
Skyline Building Systems	DecTec Select	PVC membrane polyester reinforced. 60 mils nominal.	Walking deck and Nonclassified roof covering system.	2015 IBC and IRC	Non-classified (d)	N/A
Tuff Industries, Inc	Tufdek Professional	PVC membrane polyester reinforced. 60 mils nominal.	Walking deck and Nonclassified roof covering system.	2009 IBC and IRC	Non-classified (d)	N/A

Notes:

- (a) Manufacturer's have various product lines. There can be no substitute for product tested.
- (b) Manufacturer's have various membrane thicknesses. There can be no variation to thickness tested. Thicker membranes can actually have poorer test results due to the use of additional fillers.
- (c) Most States have adopted the 2015 IBC and IRC. Duradek is testing Duradek Ultra to the 2018 IBC and IRC code requirements which would be accepted by most States in 2020.
- (d) Nonclassified roof assemblies can be used on certain buildings if approved by a building official or accepted by a design authority. The burden and liability of such actions becomes their responsibility.
- (e) Products under an ICC QC program assure the product being offered is equal or better than the product tested in ESR report.

* Information for all PVC Walking Deck Membranes noted above was taken from ICC-ES Website in December 2018.

