

**ICC-ES  
Youtube Video**  
A Step-by-Step  
Guide to  
Understanding  
and Using  
ICC-ES  
Evaluation Reports

[http://www.  
youtube.com/  
watch?v=ZS86N2NSoPY](http://www.youtube.com/watch?v=ZS86N2NSoPY)

- duradek™**
- The Anatomy of an  
ICC-ES Report**
- ICC  
(ES)™**
- Tested**
- Approved**



ICC-ES.ORG -REPORTS for PEDESTRIAN TRAFFIC COATINGS				
Information listed on ICC-ES Website as of August 2012				
To view reports online, visit: <a href="http://www.icc-es.org/reports/index.cfm?csi_num=07_18_13&amp;view_details">http://www.icc-es.org/reports/index.cfm?csi_num=07_18_13&amp;view_details</a>				
Report Number	Org./Code	Manufacturer	Product	Codes
<a href="#">R-1284</a>	ICC-ES	Gaco Western, LLC	Gacoflex Urethane Rubber Walking Deck and Roof Covering	09 06 LC
<a href="#">R-1661</a>	ICC-ES	Hill Brothers Chemical Company	Desert Crete and Desert Brand Magnesite Fire-retardant Walking Deck and Roof Covering Systems	06 LC
<a href="#">R-1714</a>	ICC-ES	Crossfield Products Corp. Miracote Division	Miracote Miraflex II Walking Deck and Roof Covering	06 LC
<a href="#">R-1757</a>	ICC-ES	Crossfield Products Corp.	Dex-O-Tex Weatherwear Roof Deck Covering	09 06 LC
<a href="#">R-2028</a>	ICC-ES	Americrete, LLC	A-9000 Decking System	09 06 LC
<a href="#">R-2091</a>	ICC-ES	Lonseal, Inc.	Londeck Walking Deck System	06
<a href="#">R-2097</a>	ICC-ES	Pli-Dek Systems, Inc.	Pli-Dek and Con-Dek Walking Deck and Roof Covering Systems	09 06 FBC LC
<a href="#">R-2125</a>	ICC-ES	AVM Industries, Inc.	Elasto Fiberdeck 100 Walking Deck System	09 06
<a href="#">R-2151</a>	ICC-ES	Duradek U.S. Inc.	Duradek Ultra Roof and Walking Deck Membranes	09
<a href="#">R-2201</a>	ICC-ES	Westcoat	Westcoat ALX System	09 06 LC
<a href="#">R-2245</a>	ICC-ES	Environmental Building Products, Inc. dba Enduro Products	Enduro-Kote and Enduro-Flex Kote Walking Deck and Roof Covering Systems	09 06 LC
<a href="#">R-2413</a>	ICC-ES	Skyline Building Systems, Inc.	DecTec Select Walking Deck and Roof Membrane	06 LC
<a href="#">R-2492</a>	ICC-ES	Quality Systems, Inc.	Perma-Crete® Deck Coating Products Finish System	06 LC
<a href="#">R-2697</a>	ICC-ES	Pacific Polymers, Inc.	Elasto-Deck 5000 FR Walking and Roof Deck System	09 06
<a href="#">R-2785</a>	ICC-ES	Polycoat Products	Polycoat-Aquatight®, Polytuff, Flexideck® P-TW Underlayment Waterproofing System	06 LC
<a href="#">R-2897</a>	ICC-ES	Parex USA, Inc.	Mer-Ko Shur Deck	09
<a href="#">R-2900</a>	ICC-ES	Parex USA, Inc.	Mer-Ko Weather Deck	09
<a href="#">R-3262</a>	ICC-ES	Tuff Industries, Inc.	Tufdek® Professional Series Walking Deck and Roof System	09
<a href="#">-3389 - ESR-2900</a>	UBC	Mer-Kote Products, Inc.	Converted to ESR-2900	LC
<a href="#">-4804</a>	UBC	Excellent Coatings, Inc.	Excel-Coat® Walking and Roof Deck System	LC
<a href="#">-5019</a>	UBC	Deck Flex Waterproofing Systems	Deck Flex W.M. and Deck Flex W.F. Fire Retardant Walking Deck and Roof-covering Systems	LC
<a href="#">-5416</a>	UBC	Life Paint Company	Life Deck AL Walking Deck System	LC
<a href="#">-5968 - ESR-2897</a>	UBC	Mer-Kote Products, Inc.	Converted to ESR-2897	LC
LC	Companies evaluated with the LC (Legacy Code) were <u>not tested to current building code requirements</u> and are applicable to evaluation criteria and reports prior to 2003.			

Code Legend	
12 09 06 03↓	2012 to 2003 and earlier editions of I-Codes for building products
03↓	
12 09 06	2012 to 2003 and earlier editions of I-Codes for PMG products
IGCC	International Green Construction Code
CAL	California Green Building Standards Code
CBC	California Building Code
FBC	Florida Building Code
LC	Legacy Code

Divisions Listed		Compliance with Code Edition			Uses: classification as defined in AC39			Quality Control	Evidence Submitted			
Pedestrian Traffic Coating	Membrane Roofing				Walking Deck Only				Acceptance Criteria for Walking Decks (AC39)			
Acceptance Criteria for Walking Decks (AC39)	Acceptance Criteria for Membrane Roof Covering Systems (AC75)	2009 IBC	2009 IRC	FBC	Walking deck & non-classified roof covering			QC program with inspection agency named		Simulated wind uplift testing (FM 4474 Appendix B)		
					Walking deck & classified roof covering					Fire classification testing (ASTM E108)		
										Acceptance Criteria for Membrane Roof Covering Systems (AC75)		
✓		✓	✓		1			✓	✓			
✓					1			✓	✓	3	2	
✓					1			✓	✓	5	4	
✓		✓	✓		1			✓	✓	3	6	
✓		✓	✓		1			✓	✓		4	
✓					1				✓			
✓		✓	✓	✓	1			✓	✓	5	7	
✓		✓	✓		1			✓	✓		4	
✓	✓	✓	✓	✓*	✓	✓	✓	✓	✓	✓	✓	✓
✓		✓	✓		1				✓	3	4	
✓		✓	✓		✓	✓	✓	✓	✓	3	4	
✓					✓	✓			✓	8		
✓					1			✓	✓			
✓		✓	✓		1			✓	✓		4	
✓					1			✓	✓		4	
✓		✓	✓		✓	✓	✓	✓	✓	3	4	
✓		✓	✓		✓	✓	✓	✓	✓	3	4	
✓	✓	✓	✓		✓	✓			✓	9		✓

2009 IBC adopted in 31 states or territories

2009 IRC adopted in 31 states or territories

\* Approved by Florida Building Commission  
- FL#12407-R1 for use outside of HVHZ

## ICC-ES Report Comparisons for Pedestrian Traffic Coatings

It is apparent that when choosing a deck waterproofing product, it is not always an "apples-to-apples" comparison. Even when products receive similar testing, there is a significant "grey area" to what standards were actually tested.

For architects, inspectors, specifiers, builders and homeowners, it is important to know what to look for to be sure you are getting the product performance and value that you are expecting.



Duradek Ultra vinyl is the most tested product in its class and is upheld to the highest test performance measurements for a walking deck and classified roof covering membrane.

- 1) Classification not stated in Evaluation Report
- 2) ASTM E119 one-hour fire-resistance-rated construction (optional)
- 3) Allowable wind speeds noted in report. No wind-uplift tests required for bonded coating systems as long as test specimens provide a minimum bond strenght of 10 psi
- 4) Test standard not mentioned in report
- 5) Wind resistance testing in accordance with FM 1-52
- 6) Reports of reduced-scale fire-resistive-rated assembly tests submitted
- 7) Reports of small-scale fire tests in accordance with ASTM E119 submitted
- 8) Wind uplift resistance noted in report
- 9) Allowable wind uplift noted in report but no test standard noted

### International Code Editions

adopted by state and jurisdiction listed:

[www.iccsafe.org](http://www.iccsafe.org)

ICC-ES Approved Acceptance Critereia (AC) listed:

[www.icc-es.org/criteria/index](http://www.icc-es.org/criteria/index)