Reese Shingle Audit 2011

February 9,2011 Temperature 12 degrees

	CertainTeed XT	GAF Sovereign	IKO Marathon	OC Supreme	CertainTeed Landmark	GAF Timberline	IKO Cambridge	OC Oakridge	OC Duration
Identifiers									
Run Number	REAA 5338 L123		UAIK210850B		PRAR 10700 T1234		BA1K223:02 K K01	BRK017	BRK 017
Date of Manufacture	1/27/2011	2/3/2011	1/29/2011	12:46 2060				3130 66136	
Plant			Bramton, Ontario	Medina	Avery			Brookville	Brookville
Weight and Quantity Data									
Number of Shingles in Six Bundles	162	157	126	160	130	130	120	128	132
Weight of Six Bundles	450	363	422.75	439	472	415.5	483	460.5	469
Weight per Shingle	2.7778	2.3121	3.3552	2.7438	3.6308	3.1962	4.0250	3.5977	3.5530
Published Coverage for Three Bundles	100	98.75	96.9	100	96.88	98.44	100	98.44	98.44
Number of Shingles Needed to Cover One Square	80	80	65	80	66	65	60	65	65
Weight of One Square (Actual Coverge)	222	185	218	220	240	208	242	234	231
Historic Weights									
Pre 2009 weights do not reflect adjustments for actual coverage									
1999	236	230 (25 yr) 196 (20 yr)	na	237 Supreme 198 Classic	250	258	na	253	na
2000	229	221 (25 yr) 196 (20 yr)	na	235 Supreme 199 Classic	257	251	na	248	na
2001	232	240 (25 yr) 195 (20 yr)	na	232 Supreme 195 Classic	251	232 GAF 236 ELK	na	258	na
2002	236	227 (25 yr) 194 (20 yr)	na	243 Supreme 200 Classic	244	253	na	251	na
2003	225	222 (25 yr) 197 (20 yr)	na	237 Supreme 200 Classic	256	253	na	252	na
2004	215	222 (25 yr) 191 (20 yr)	na	241 Supreme 203 Classic	249	249 GAF 236 ELK	na	255	na
2005	224	224 (25 yr) 193 (20 yr)	na	225 Supreme 203 Classic	245	249 GAF 245 ELK	na	250	na
2007	226	218	na	228 Supreme 202 Classic	242	246	na	254	232
2008	231	215	na	231	252	221	na	252	243
2009	219	208	215	209	241	219	244	235	231
2010	223	192	210	212	245	218	240	233	234
Flexibility Test (Knee Test)									
ABCD or F	A-	A+	A	B	A-	A-	A-	A-	A-
Water Infiltration Between Packaged Shingles									
ABCD or F	No Water Infiltration								
Dimensional Tolerance									
Published Dimension	12" x 36"	12" x 36"	13 1/4" x 39 3/8"	12" x 36"	13 1/4" x 38 3/4"	13 1/4" x 39 3/8"	13 3/4" x 40 7/8"	13 1/4" x 38 3/4"	13 1/4" x 38 3/4"
As Published					*	*		*	
1/16" or Less				*					
1/8" for More Difference	*	*	*				*		*
Common Bond Area (for Nailing)									
Measured Common Bond					15/16	15/16	7/8	15/16	15/16
Hip and Ridge Evaluation	**CT. CEDAR CREST**	**CT SHADOW RIDGE**	**GAF TIMBERTEX**	**IKO 12"**	**OWENS CORNING PERF**	**OC HIGH RIDGE**			
Cold Weather Cracking Test (Bent over Ridge) Yes/No									
Adhered Two Sides or One Side Yes/No									
Published Pieces per Bundle	30	72	30	78	81	78			
Actual Pieces per Bundle	10 x 3	24 x 3	10 X 3	26 X 3	27 x 3	26 X 3			
Exposure	8"	5"	8"	5 1/8"	5"	8"			
Published Coverage (Single Layer)	20'	20'	20'	33.3	33.25	21.3			
Actual coverage (Single Layer)									
Starter Evaluation	**CT SWIFT START**	**GAF PRO START**	**IKO LEADING EDGE PLUS**	**OWENS CORNING**	**REESE**				
Published Dimension		38" x 6 1/2"	39 3/8" x 6 5/8"		36" x 7"				
Actual Measured Dimension	38 5/8" X 7 5/8"	38" X 6 1/2"	39 3/8" X 6 5/8"	39 1//4" X 7 3/4"	39 1/4" X 7"				
Published Pieces per Bundle	18	19	18	16	34				
Actual Pieces per Bundle	18 x 2 (36)	19 x 2 (38)	18 X 2 (36)	16 X 2 (32)	32				
Published Coverage	116	120.33	118	100	100				
Actual Coverage									
Provides 7 5/8" Exposure for Headlap Plus 2" Yes/No									
Full Pallet Evaluation									
Pallet Size									
Maximum Space Between Top Slats									
Maximum Space Between Bottom Slats									
Are Shingles Overhanging the Pallet?	OK	2 Way Pallet	New Ok - Old No	OK	OK	OK	New Pallet OK - Old No	OK	OK
Full Bundle Humping Evaluation									
Noticable Humping of Cold Shingles in Full Bundle? Yes/No									
Other									