

CHAPTER ONE: INTRODUCTION.....	1
STUDY GOALS AND OBJECTIVES.....	1
REASONS FOR DOING THE STUDY	1
SCOPE OF THE REPORT	2
GEOGRAPHIC SCOPE	2
LIMITATIONS.....	2
INTENDED AUDIENCE.....	2
METHODOLOGY AND INFORMATION SOURCES.....	3
ANALYST CREDENTIALS.....	3
RELATED BCC REPORTS	3
BCC ONLINE SERVICES.....	4
DISCLAIMER	4
 CHAPTER TWO: SUMMARY.....	 5
<i>SUMMARY TABLE NORTH AMERICAN ROOF COATING SALES, THROUGH 2016 (\$ MILLIONS)</i>	 5
<i>SUMMARY FIGURE NORTH AMERICAN ROOF COATINGS MARKET VALUE, 2011–2016 (\$ MILLIONS)</i>	 6
 CHAPTER THREE: OVERVIEW	 7
MARKET REVIEW	7
COMMERCIAL VERSUS RESIDENTIAL	8
<i>FIGURE 1 ROOF COATINGS COMMERCIAL VS. RESIDENTIAL MARKET, 2011 (%)</i>	 9
GEOGRAPHIC REGIONS.....	10
<i>TABLE 1 NORTH AMERICAN ROOF COATING EXPENDITURES BY REGION, 2010 AND 2011 (\$ MILLIONS)</i>	 11
<i>TABLE 2 NORTH AMERICAN ROOF COATING EXPENDITURES BY REGION, 2010 AND 2011 (VOLUME IN MILLIONS OF GALLONS)</i>	 11
DISTRIBUTION CHANNELS.....	11
<i>TABLE 3 ROOF COATING EXPENDITURES BY CHANNEL, 2010 AND 2011 (\$ MILLIONS)</i>	 12
<i>TABLE 4 ROOF COATINGS BY CHANNEL, 2010 AND 2011 (VOLUME IN MILLIONS OF GALLONS)</i>	 13
COMPANY PROFILES	13
FORECAST TO 2016	13
<i>TABLE 5 ROOF COATINGS MARKET, STANDARD VS REFLECTIVE, THROUGH 2016</i>	 14
<i>TABLE 6 TOTAL NORTH AMERICAN MARKET FORECAST FOR ROOF COATINGS BY PRODUCT TYPE, THROUGH 2016 (\$ MILLIONS)</i>	 15
<i>TABLE 7 NORTHEAST U.S.: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (\$ MILLIONS)</i>	 15

<i>TABLE 8 SOUTHEAST U.S.: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (\$ MILLIONS)</i>	16
<i>TABLE 9 NORTHWEST U.S.: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (\$ MILLIONS)</i>	16
<i>TABLE 10 SOUTHWEST U.S.: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (\$ MILLIONS)</i>	17
<i>TABLE 11 MIDWEST U.S.: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (\$ MILLIONS)</i>	17
<i>TABLE 12 CANADA: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (\$ MILLIONS)</i>	18
<i>TABLE 13 TOTAL NORTH AMERICA: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (VOLUME IN MILLIONS OF GALLONS)</i>	19
<i>TABLE 14 NORTHEAST U.S.: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (VOLUME IN MILLIONS OF GALLONS)</i>	19
<i>TABLE 15 SOUTHEAST U.S.: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (VOLUME IN MILLIONS OF GALLONS)</i>	20
<i>TABLE 16 NORTHWEST U.S.: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (VOLUME IN MILLIONS OF GALLONS)</i>	20
<i>TABLE 17 SOUTHWEST U.S.: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (VOLUME IN MILLIONS OF GALLONS)</i>	21
<i>TABLE 18 MIDWEST U.S.: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (VOLUME IN MILLIONS OF GALLONS)</i>	21
<i>TABLE 19 CANADA: ROOF COATINGS FORECAST BY PRODUCT TYPE, THROUGH 2016 (VOLUME IN MILLIONS OF GALLONS)</i>	22
CHAPTER FOUR: ROOF COATINGS PRODUCTS.....	23
INTRODUCTION	23
PRODUCT TYPES.....	24
<i>TABLE 20 TYPES OF ROOF COATINGS, CHARACTERISTICS, AND TYPICAL USES</i>	25
BITUMINOUS ROOF COATINGS	25
<i>FIGURE 2 ALLIGATORING: COMMON REPAIR PROBLEM CURED WITH BITUMINOUS ROOF COATING</i>	26
<i>FIGURE 3 SEAM FAILURE: COMMON REPAIR PROBLEM CURED WITH BITUMINOUS ROOF COATING</i>	27
<i>FIGURE 4 ROOF PONDING: COMMON REPAIR PROBLEM CURED WITH BITUMINOUS ROOF COATING</i>	27
<i>TABLE 21 BITUMINOUS ROOF COATINGS: BRANDS AND MANUFACTURERS</i>	28

POLYMER ROOF COATINGS.....	29
<i>FIGURE 5 POLYMER ROOF COATING BEFORE AND AFTER COMMERCIAL ROOF RESTORATION PROJECT.....</i>	<i>29</i>
<i>TABLE 22 POLYMER ROOF COATINGS: BRANDS AND MANUFACTURERS.....</i>	<i>30</i>
Elastomeric Roof Coatings	30
<i>TABLE 23 ELASTOMERIC ROOF COATINGS: BRANDS AND MANUFACTURERS.....</i>	<i>31</i>
Silicone Roof Coatings	32
<i>TABLE 24 SILICONE COATINGS: BRANDS AND MANUFACTURERS.....</i>	<i>33</i>
Acrylic Roof Coatings	33
<i>FIGURE 6 DISTRESSED ROOF BEFORE AND AFTER ACRYLIC ROOF COATING PROJECT.....</i>	<i>34</i>
<i>TABLE 25 ACRYLIC COATINGS: BRANDS AND MANUFACTURERS</i>	<i>34</i>
Polyurethane Roof Coatings.....	34
<i>TABLE 26 POLYURETHANE ROOF COATINGS: BRANDS AND MANUFACTURERS.....</i>	<i>35</i>
MODIFIED POLYMER ROOF COATINGS	35
<i>FIGURE 7 MODIFIED POLYMER ROOF COATINGS.....</i>	<i>36</i>
<i>TABLE 27 MODIFIED POLYMER ROOF COATINGS: BRANDS AND MANUFACTURERS.....</i>	<i>37</i>
Field Coatings for Asphalt Shingles	37
Field Coatings for ... (Continued)	38
Field Coatings for ... (Continued)	39
<i>TABLE 28 FIELD ROOF COATINGS FOR ASPHALT SHINGLES: BRANDS AND MANUFACTURERS.....</i>	<i>40</i>
REFLECTIVE ROOF COATINGS	40
REFLECTIVE ROOF COATINGS (CONTINUED).....	41
<i>FIGURE 8 DISTRESSED ROOF OF THE DIAMONDBACKS' STADIUM PRIOR TO COOL ROOF PROJECT.....</i>	<i>42</i>
<i>FIGURE 9 REMOVAL OF PART OF THE ROOF AND CURING WITH REFLECTIVE ROOF COATING</i>	<i>42</i>
<i>FIGURE 10 PROJECT COMPLETED WITH NEW COOL ROOF.....</i>	<i>43</i>
REFLECTIVE ROOF COATINGS (CONTINUED).....	44
<i>TABLE 29 REFLECTIVE ROOF COATINGS: BRANDS AND MANUFACTURERS.....</i>	<i>45</i>
White Roof Coatings	45
White Roof ... (Continued)	45
White Roof ... (Continued)	46
White Roof ... (Continued)	47
<i>TABLE 30 WHITE ROOF COATINGS: BRANDS AND MANUFACTURERS.....</i>	<i>48</i>
<i>FIGURE 11 ANNUAL WHITE ROOF SAVINGS IN MAJOR U.S. CITIES</i>	<i>48</i>
OTHER CLASSIFICATION METHODS FOR ROOF COATINGS	49

ENERGY STAR ROOF COATINGS.....	49
<i>TABLE 31 ENERGY STAR RATED COATINGS: BRANDS AND MANUFACTURERS.....</i>	<i>49</i>
SOLVENT-BASED, WATERBORNE AND MULTI-COMPONENT CHARACTERISTICS OF COATINGS	50
Solvent-based.....	50
<i>TABLE 32 SOLVENT-BASED ROOF COATINGS: BRANDS AND MANUFACTURERS.....</i>	<i>51</i>
Waterborne Roof Coatings	51
<i>TABLE 33 WATERBORNE ROOF COATINGS: BRANDS AND MANUFACTURERS.....</i>	<i>52</i>
Multi-component or Moisture Cure Reactive Coating	52
<i>TABLE 34 MULTI-COMPONENT/MOISTURE CURE REACTIVE COATINGS: BRANDS AND MANUFACTURERS.....</i>	<i>53</i>
COMPARISON OF PRODUCT CHARACTERISTICS	53
COMPARISON OF PRODUCT ... (CONTINUED)	54
COMPARISON OF PRODUCT ... (CONTINUED)	55
COMPARISON OF PRODUCT ... (CONTINUED)	56
 CHAPTER FIVE: INDUSTRY STRUCTURE AND COMPETITIVE ANALYSIS	
INDUSTRY STRUCTURE AND COMPETITIVE ANALYSIS.....	57
MANUFACTURERS.....	58
AKZONOBEL.....	58
BASF.....	59
VALSPAR	59
<i>TABLE 35 LEADING MANUFACTURER MARKET SHARES, 2010 (%).....</i>	<i>59</i>
<i>TABLE 36 ANNUAL SALES OF LEADING MANUFACTURERS, 2010 (\$ BILLIONS/\$ MILLIONS).....</i>	<i>60</i>
<i>TABLE 37 LEADING MANUFACTURER PRODUCT LINES BY TYPE, 2010.....</i>	<i>60</i>
<i>TABLE 38 BITUMINOUS COATINGS: LEADING MANUFACTURER MARKET SHARES, 2010 (%).....</i>	<i>61</i>
<i>TABLE 39 POLYMERIC COATINGS: LEADING MANUFACTURER MARKET SHARES, 2010 (%).....</i>	<i>61</i>
<i>TABLE 40 MODIFIED POLYMER COATINGS: LEADING MANUFACTURER MARKET SHARES, 2010 (%).....</i>	<i>62</i>
<i>TABLE 41 REFLECTIVE COATINGS: LEADING MANUFACTURER MARKET SHARES, 2010 (%).....</i>	<i>62</i>
DISTRIBUTORS	62
<i>TABLE 42 ANNUAL SALES OF LEADING DISTRIBUTORS, 2010 (\$ MILLIONS).....</i>	<i>63</i>
RETAILERS	63
CONTRACTORS.....	63

<i>TABLE 43 TOTAL NUMBER OF ROOF COATINGS CONTRACTORS IN NORTH AMERICA, 2010</i>	<i>64</i>
<i>TABLE 44 NORTHEAST U.S.: TOTAL NUMBER OF ROOF COATINGS CONTRACTORS BY STATE, 2010</i>	<i>64</i>
<i>TABLE 45 SOUTHEAST U.S.: TOTAL NUMBER OF ROOF COATINGS CONTRACTORS BY STATE, 2010</i>	<i>65</i>
<i>TABLE 46 NORTHWEST U.S.: TOTAL NUMBER OF ROOF COATINGS CONTRACTORS BY STATE, 2010</i>	<i>65</i>
<i>TABLE 47 SOUTHWEST U.S.: TOTAL NUMBER OF ROOF COATINGS CONTRACTORS BY STATE, 2010</i>	<i>66</i>
<i>TABLE 48 MIDWEST U.S.: TOTAL NUMBER OF ROOF COATINGS CONTRACTORS BY STATE, 2010</i>	<i>66</i>
<i>TABLE 49 CANADA: NUMBER OF ROOF COATINGS CONTRACTORS BY PROVINCE, 2010</i>	<i>67</i>
<i>TABLE 50 ANNUAL SALES OF LEADING U.S. ROOF COATING CONTRACTORS, 2010 (\$ MILLIONS)</i>	<i>67</i>
<i>DISTRIBUTOR CHANNEL SPECIALIZATION</i>	<i>67</i>
<i>TABLE 51 ROOF COATING EXPENDITURES BY DISTRIBUTION CHANNEL, THROUGH 2016 (\$ MILLIONS)</i>	<i>68</i>
<i>TABLE 52 ROOF COATING EXPENDITURES BY DISTRIBUTION CHANNEL, THROUGH 2016 (VOLUME IN MILLIONS OF GALLONS)</i>	<i>68</i>
<i>TABLE 53 TOTAL ROOF COATING EXPENDITURES BY PRODUCT TYPE AND DISTRIBUTION CHANNEL, 2011 (\$ MILLIONS)</i>	<i>69</i>
<i>TABLE 54 TOTAL COATING EXPENDITURES BY DISTRIBUTION CHANNEL, 2011 (VOLUME IN MILLIONS OF GALLONS)</i>	<i>69</i>
<i>TABLE 55 TOTAL ROOF COATING EXPENDITURES BY DISTRIBUTION CHANNEL, 2016 (\$ MILLIONS)</i>	<i>70</i>
<i>TABLE 56 TOTAL COATING EXPENDITURES BY DISTRIBUTION CHANNEL, 2016 (VOLUME IN MILLIONS OF GALLONS)</i>	<i>70</i>
<i>TABLE 57 ROOF COATING EXPENDITURES: 2-STEP DISTRIBUTION CHANNEL BY PRODUCT TYPE, THROUGH 2016 (\$ MILLIONS)</i>	<i>71</i>
<i>TABLE 58 ROOF COATING EXPENDITURES: 1-STEP DISTRIBUTION CHANNEL BY PRODUCT TYPE, THROUGH 2016 (\$ MILLIONS)</i>	<i>71</i>
<i>TABLE 59 ROOF COATING EXPENDITURES: RETAIL DISTRIBUTION CHANNEL BY PRODUCT TYPE, THROUGH 2016 (\$ MILLIONS)</i>	<i>72</i>
<i>TABLE 60 ROOF COATING EXPENDITURES: 2-STEP DISTRIBUTION CHANNEL BY PRODUCT TYPE, THROUGH 2016 (VOLUME IN MILLIONS OF GALLONS)</i>	<i>72</i>
<i>TABLE 61 ROOF COATING EXPENDITURES: 1-STEP DISTRIBUTION CHANNEL BY PRODUCT TYPE, THROUGH 2016 (VOLUME IN MILLIONS OF GALLONS)</i>	<i>73</i>

TABLE 62 ROOF COATING EXPENDITURES: RETAIL DISTRIBUTION CHANNEL BY PRODUCT TYPE, THROUGH 2016 (VOLUME IN MILLIONS OF GALLONS).....	73
TABLE 63 ROOF COATING EXPENDITURES BY END USE, 2011 (\$ MILLIONS/PERCENT)	74
TABLE 64 ROOF COATING EXPENDITURES BY TYPE OF APPLICATION, THROUGH 2016 (\$ MILLIONS).....	74
TABLE 65 ROOF COATING EXPENDITURES BY TYPE OF APPLICATION, THROUGH 2016 (VOLUME IN MILLIONS OF GALLONS).....	75
SUPPLIER SPECIALIZATION.....	75
PRICING	76
FIGURE 12 HOW TO CALCULATE THE PRICE OF A ROOF COATING PROJECT	77
TABLE 66 ROOF COATING PRICES: PRODUCT AND INSTALLATION (\$ PER SQUARE).....	78
THREAT OF NEW ENTRANTS	78
SUBSTITUTE PRODUCTS.....	78
SUBSTITUTE PRODUCTS (CONTINUED)	79
CHAPTER SIX: ENVIRONMENTAL PROGRAMS AND INCENTIVES.....	80
ENVIRONMENTAL PROGRAMS	81
ENERGY STAR ROOF PRODUCTS PROGRAM.....	82
Energy Star Roof Products ... (Continued).....	83
LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED).....	84
Leadership in Energy ... (Continued).....	85
THE COOL ROOF RATING COUNCIL	86
THINKIN' GREEN.....	86
INCENTIVES.....	86
INCENTIVES (CONTINUED)	87
TABLE 67 GOVERNMENT AND OTHER INCENTIVES.....	88
CHAPTER SEVEN: GOVERNMENT REGULATION AND INDUSTRY ORGANIZATIONS	89
GOVERNMENT REGULATION.....	89
INDUSTRY ORGANIZATIONS	90
AMERICAN COATINGS ASSOCIATION	90
AMERICAN COUNCIL ON RENEWABLE ENERGY.....	90
ARIZONA COOL ROOF COUNCIL.....	91
BUILDING GREEN, INC.	92
CANADIAN PAINT AND COATINGS ASSOCIATION.....	92
COOL ROOF RATING COUNCIL	93
ENERGY COORDINATING AGENCY	93

FEDERATION OF SOCIETIES FOR COATINGS	
TECHNOLOGY.....	94
NATIONAL ROOFING CONTRACTORS ASSOCIATION.....	94
THE REFLECTIVE ROOF COATINGS INSTITUTE.....	95
ROOF COATINGS MANUFACTURERS ASSOCIATION	
(RCMA).....	95
RCI, INC.	96
U.S. GREEN BUILDING COUNCIL.....	97
<i>TABLE 68 INDUSTRY ORGANIZATIONS.....</i>	<i>97</i>
CHAPTER EIGHT: COMPANY PROFILES.....	98
3M.....	98
BACKGROUND.....	98
COMPANY NEWS.....	98
PRODUCTS.....	98
FINANCIAL PERFORMANCE.....	99
AKZO NOBEL COATINGS, INC.....	99
BACKGROUND.....	99
COMPANY NEWS.....	100
PRODUCTS.....	100
FINANCIAL PERFORMANCE.....	100
ALLIED BUILDING PRODUCTS CORP.....	101
BACKGROUND.....	101
COMPANY NEWS.....	101
PRODUCTS.....	101
FINANCIAL PERFORMANCE.....	102
AMERICAN HYDROTECH, INC.....	102
BACKGROUND.....	102
COMPANY NEWS.....	102
PRODUCTS.....	103
FINANCIAL PERFORMANCE.....	103
APOC, INC. (APOC/GARDNER-GIBSON, INC.).....	103
BACKGROUND.....	103
COMPANY NEWS.....	104
PRODUCTS.....	104
FINANCIAL PERFORMANCE.....	104
BASF.....	104
BACKGROUND.....	104
COMPANY NEWS.....	105
PRODUCTS.....	105
FINANCIAL PERFORMANCE.....	105
BAYER MATERIALS SCIENCE, LLC.....	106
BACKGROUND.....	106
COMPANY NEWS.....	107
PRODUCTS.....	107

FINANCIAL PERFORMANCE	107
BECKER SPECIALTY CORP.	108
BACKGROUND	108
COMPANY NEWS	108
PRODUCTS	108
FINANCIAL PERFORMANCE	109
CARLISLE SYNTEC, INC.	109
BACKGROUND	109
COMPANY NEWS	110
PRODUCTS	110
FINANCIAL PERFORMANCE	110
CCJJ, LLC	111
BACKGROUND	111
COMPANY NEWS	111
PRODUCTS	112
FINANCIAL PERFORMANCE	112
CERTAINTED CORP.	112
BACKGROUND	112
COMPANY NEWS	113
PRODUCTS	113
FINANCIAL PERFORMANCE	113
DAVLIN COATINGS, INC.	113
BACKGROUND	114
COMPANY NEWS	114
PRODUCTS	114
FINANCIAL PERFORMANCE	114
DURA COAT PRODUCTS, INC.	115
BACKGROUND	115
COMPANY NEWS	115
PRODUCTS	115
FINANCIAL PERFORMANCE	115
ELASTEK ROOF COATINGS	116
BACKGROUND	116
COMPANY NEWS	116
PRODUCTS	117
FINANCIAL PERFORMANCE	117
FIRESTONE BUILDING PRODUCTS CO.	117
BACKGROUND	117
COMPANY NEWS	118
PRODUCTS	118
FINANCIAL PERFORMANCE	118
FLEX MEMBRANES INT'L	118
BACKGROUND	119
COMPANY NEWS	119

PRODUCTS	119
FINANCIAL PERFORMANCE	120
GACO WESTERN, INC.	120
BACKGROUND	120
COMPANY NEWS	120
PRODUCTS	121
FINANCIAL PERFORMANCE	121
GAF MATERIALS	121
BACKGROUND	121
COMPANY NEWS	122
PRODUCTS	122
FINANCIAL PERFORMANCE	123
THE GARLAND CO., INC.	123
BACKGROUND	123
COMPANY NEWS	123
PRODUCTS	124
FINANCIAL PERFORMANCE	124
GENERAL COATINGS	124
BACKGROUND	124
COMPANY NEWS	125
PRODUCTS	125
FINANCIAL PERFORMANCE	125
IB ROOF SYSTEMS	125
BACKGROUND	125
COMPANY NEWS	126
PRODUCTS	126
FINANCIAL PERFORMANCE	126
INLAND POWDER COATING CORP.	126
BACKGROUND	127
COMPANY NEWS	127
PRODUCTS	127
FINANCIAL PERFORMANCE	128
J. RETTENMAIER USA, LP	128
BACKGROUND	128
COMPANY NEWS	128
PRODUCTS	128
FINANCIAL PERFORMANCE	129
JOHNS MANVILLE	129
BACKGROUND	129
COMPANY NEWS	129
PRODUCTS	130
FINANCIAL PERFORMANCE	130
KARNAK CORP.	130
BACKGROUND	130

COMPANY NEWS	130
PRODUCTS	131
FINANCIAL PERFORMANCE	131
KST COATINGS	131
BACKGROUND	132
COMPANY NEWS	132
PRODUCTS	132
FINANCIAL PERFORMANCE	132
LANSKO COLORS.....	132
BACKGROUND	132
COMPANY NEWS	133
PRODUCTS	133
FINANCIAL PERFORMANCE	133
MOMENTUM TECHNOLOGIES, INC.	134
BACKGROUND	134
COMPANY NEWS	134
PRODUCTS	134
FINANCIAL PERFORMANCE	135
MULE-HIDE PRODUCTS CORP., INC.	135
BACKGROUND	135
COMPANY NEWS	135
PRODUCTS	135
FINANCIAL PERFORMANCE	136
NATIONAL COATINGS CORP.	136
BACKGROUND	136
COMPANY NEWS	137
PRODUCTS	137
FINANCIAL PERFORMANCE	137
PACIFIC POLYMERS INT'L., INC.	137
BACKGROUND	138
COMPANY NEWS	138
PRODUCTS	138
FINANCIAL PERFORMANCE	138
POLYGLASS USA, INC.	138
BACKGROUND	139
COMPANY NEWS	139
PRODUCTS	139
FINANCIAL PERFORMANCE	140
PPG INDUSTRIES	140
BACKGROUND	140
COMPANY NEWS	141
PRODUCTS	141
FINANCIAL PERFORMANCE	141
SIPLAST, INC.....	142

BACKGROUND	142
COMPANY NEWS	142
PRODUCTS	143
FINANCIAL PERFORMANCE	143
SOPREMA, INC.	143
BACKGROUND	143
COMPANY NEWS	144
PRODUCTS	144
FINANCIAL PERFORMANCE	144
STS COATINGS, INC.	144
BACKGROUND	145
PRODUCTS	145
FINANCIAL PERFORMANCE	145
TAMKO BUILDING PRODUCTS, INC.	145
BACKGROUND	145
COMPANY NEWS	146
PRODUCTS	146
FINANCIAL PERFORMANCE	147
UNITED COATINGS	147
BACKGROUND	147
COMPANY NEWS	147
PRODUCTS	147
FINANCIAL PERFORMANCE	148
VALSPAR CORP.	148
BACKGROUND	148
COMPANY NEWS	148
PRODUCTS	149
FINANCIAL PERFORMANCE	149
VIRIDIAN SYSTEMS	149
BACKGROUND	149
COMPANY NEWS	150
PRODUCTS	150
FINANCIAL PERFORMANCE	150
WESTERN COLLOID	150
BACKGROUND	151
COMPANY NEWS	151
PRODUCTS	151
FINANCIAL PERFORMANCE	151
TRUMBULL OWENS CORNING ROOFING AND ASPHALT, LLC	151
BACKGROUND	152
COMPANY NEWS	152
PRODUCTS	152
FINANCIAL PERFORMANCE	152
APPENDIX: ABBREVIATIONS AND ACRONYMS	153

ABBREVIATIONS AND ACRONYMS	153
ABBREVIATIONS AND ACRONYMS (CONTINUED)	154