



No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
1	Société Thiionilloise de Ciments Ebange (Moselle)	Ebange France	1968	KHO-200/54	Basic Thomas slag	1,8 - 2,0
2	Société Thiionilloise de Ciments Ebange (Moselle)	Ebange France	1970	KHO-300/96	Blast furnace slag	0,9 - 1,3
3	La Floridienne J. Buttgenbach & Cie., S.A. Bruxelle / Belgium	Gent Belgium	1970	KHO-200/54	Basic Thomas slag	1.8
4	Gelsenberg AG Dortmund-Mengede	'Gustav Knepper' Germany	1971	K-350/89	Coal	0.9
5	SACEBA, Società Anonima Cementi Balerna / Suisse	Morbio Inferiore Suisse	1972	KHO-100/45	Limestone	1.7
6	APO Aciéries de Paris et d'Outreau Paris / France	Boulogne, France	1972	KHO-500/86	Manganese ore	2,1 - 2,6
7	Cementos Apasco S.A. Mexico, 3/Mexico	Apasco, Mexico	1974	KHO-360/77	Limestone	1.6
8	Gyproc GmbH Rothenburg o. d. T.	Hartershofen, Germany	1974	KHO-50/45	Gypsum	1,2 - 1,4
9	Centunion, Madrid for Cementos del Mar S.A. Alcanar / Spain	Alcanar, Spain	1975	KHO-750/86	Limestone, Clay	1.5
10	Polysius AG, Neubeckum	Badusch, Irak	1976	KHO-200/70	Limestone, Clay	1.5
11	Centunion, Madrid / Spain	Mariel, Cuba	1976	KHO-750/86	Limestone	1.5
12	Polysius AG, Neubeckum	Badusch II, Irak	1976	KHO-200/70	Limestone, Clay	1.4
13	V/O Techmaschimport, Moskau / Russia	Odessa, Russia	1976	KSK-17/29	Urea	0,75 - 0,8
14 - 15	Cementia Holding Zürich / Suisse	Yandev Nigeria	1977	KHO-200/75	Limestone, Shale	



No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
16	Cemento Jura S.A. Lima	San Isidro, Peru	1977	KHO-400/86	Limestone	1.6
17	Cementos Caribe, Caracas	Puerto Cumarebo Venezuela	1977	KHO-300/93	Limestone	1.36
18	F.L. Smidth Paris	Alkaim Irak	1977	KHO-800/108	Phosphate	1.5
19	Centunion Madrid for Hornos Ibericos	Almeria Spanien	1977	KHO-400/90	Limestone, Clay	1.53
20	Cementia Holding Zürich / Suisse Cemento Andino	Venezuela	1978	KHO-150/75	Limestone	1.55
21	Fuller Company, Catasauqua Pa. USA for Empresa Industrias Guapan SA Azogues / Ecuador	Azogues, Ecuador / EC	1978	KHO-200/77	Limestone	1.45
22	Kaiser Cement & Gypsum Corp. Permanente, Ca. USA	Permanente California USA	1978	KHO-500/86	Limestone, Clay	1.6
23	J.G.C. Liaison c/o Coppée Rust Lüttich / Belgium	Qatar	1978	KSK-300/42	Sulphur	1,28 - 1,4
24 - 25	Fuller Company, Catasauqua Pa. USA for Hyunday Seoul / Korea	Gizan Suadi-Arabia	1978	KHO-500/90	Limestone	1.5
26	Cape Portland Cement Kapstadt South Africa	Kapstadt South Africa	1978	KHO-60/70	Coal	0,8 - 0,9
27	Polysius AG, Neubeckum for Loma Negra S.A. Argentina	Catamarca Argentina	1979	KHO-400/77	Limestone	1.3
28	Knauf Iphofen	Peking, China	1979	KHO-100/45	Raw Gypsum	1,2 - 1,4



No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
29	Flintkote Cement Co. Calaveras / USA	Redding California	1979	KHO-250/70	Limestone, Shale	1.63
30 - 31	Gewerkschaft Sophia Jacoba Hückelhoven	Hückelhoven Germany	1979	KHO-1100/90	Coal	1
32	Dyckerhoff Zementwerke AG Wiesbaden	Neuss Germany	1979	KHO-200/54	Blast furnace slag	0,8 - 1,2
33	Cementos Lima S.A. Lima / Peru	Lima Peru	1979	KHO-800/108	Limestone	1.52
34	Manufacturera de Cementos Veracruz SA / Mexico	Veracruz Mexico	1979	KHO-300/80	Limestone, Clay	1.45
35	Manufacturera de Cemento Portland La Cruz Azul Mexico D.F.	Lagunas Mexico	1979	KHO-350/90	Limestone	1.6
36	Manufacturera de Cemento Portland La Cruz Azul Mexico D.F.	Hidalgo Mexico	1979	KHO-350/90	Limestone	1.6
37	Kaiser Cement & Gypsum Corp. Permanente, Ca. USA	Cushenbury California	1980	KHO-500/86	Limestone	1.6
38	Cimento Tupi	Brasilia	1980	KHO-100/75	Granulated slag	0.9
39	Portland Iberia	Castillfjos Anover Spain	1980	KHO-750/86	Limestone	1.5
40	KWU Kraftwerks Union Erlangen	HKW Erlangen Germany	1981	K-200/46,8	Coal fines	0.85
41	Queensland Nickel Sydney Australia	Queensland Australia	1981	KHO-250/65	Coal	0.8
42	NCB National Coal Board England	Woolley England	1981	KHO-1900/90	Coal	0.93



No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
43	Rand Mines Ltd. Marshalltown	Johannesburg South Africa	1981	KSK-500/66	Goldsand	1.6
44	Cementos Anahuac del Golfo S.A. Mexico	Tamuin Mexico	1981	KHO-700/90	Limestone	1.6
45	Heidelberger Zement AG Heidelberg	Weisenau Mainz Germany	1981	KHO-15/85	Raw Coal	0,9 - 1,3
46	Ideal Basic Industries Cement Div. Denver, Col. USA	Fort Collins Colorado USA	1981	KHO-115/60	Limestone	1.5
47 - 48	EBV Eschweiler Bergwerksverein Herzogenrath	Zeche Emil Mayrisch Germany	1981	KHO-1200/90	Raw washing coal	1
49	EBV Eschweiler Bergwerksverein Herzogenrath	Zeche Westfalen Germany	1981	KHO-1000/90	Raw washing coal	1
50 - 51	Blue Circle Cement Pty. Ltd. S.A.	Lichtenburg, South Africa	1981	KHO-500/105	Limestone	1.4
52	Anglo Alpha South Africa	Simuma South Africa	1981	KHO-140/66	Limestone	1.36
53	Anglo Alpha South Africa	Simuma South Africa	1981	KHO-20/66	Coal	0.8
54	NCB, National Coal Bord	Grimethorpe England	1981	KHO-1800/90	Coal	0.93
55	NCB, National Coal Bord	Grimethorpe England	1981	KHO-475/70	Coal	0.93
56	Mittel - Ost		1981	KHO-500/96	Limestone, Clay	1.4
57	Mittel - Ost		1981	KHO-500/96	Limestone	1.4
58	Mittel - Ost		1981	KHO-500/96	Limestone, Clay	1.4
59	Mittel - Ost		1981	KHO-500/96	Limestone	1.4



No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
60	Polysius	Ameriay Ägypten	1982	KHO-700/104	Limestone	1.5
61	Polysius	Perkasa Indonesien	1982	KHO-800/122	Limestone	1.3
62	Rand Mines Ltd. Marshalltown	Middleburg South Afrika	1982	KHO-2130/120	Coal	1
63	JGC Corp. Yokohama / Japan for Kuwait National Petr. Co.	Kuwait	1982	KVP2-400/100	Sulphur, flakes	1.12
64	Modi Rubber Cement Ltd, Werk Rawan / India	Rawan India	1982	KHO-100/77	Coal	0.8
65	RAG, Essen Germany	Schachtanlage Friedrich Heinrich Kamp-Lintford, Germany	1982	KHO-1200/54	Run of mine coal	
66	PZW Rohrbach KG, Dotternhausen / Germany	Dotternhausen Germany	1983	KHO-300/55	Ölschiefer	1.15
67	Hanil Cement Manufacturing Co. Ltd., Werk Maepo / Korea	Korea	1983	KHO-1000/96	Limestone	1.4
68	Modi Cement	Modi Gram Madhya Pradesh	1983	KHO-100/77	Coal	0.8
69	Yamama Saudi Cement Co., Werk Riyadh / Saudi Arabia	Saudia Arabia	1984	KHO-350/111	Limestone	1.5
70	Yamama Saudi Cement Co., Werk Riyadh / Saudi Arabia	Saudia Arabia	1984	KHO-300/104	Clay	1.4
71	Ketton Cement Ltd., Werk Lincolnshire / England	Lincolnshire England	1984	KHO-350/88	Limestone, Clay	1.44
72	Ketton Cement Ltd., Werk Lincolnshire / England	Lincolnshire England	1984	KHO-150/53	Limestone	1.56



No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
73	Container Corporation	Fernandina Beach Florida / USA	1985	KSK-400/76	Wood Chips	0.35
74	JGC Corp. Yokohama / Japan for Kuwait National Petr. Co.	Kuwait	1985	KVP2-400/100	Sulphur	1.12
75	PPC LIME Johannesburg South Africa	Lime Acres South Africa	1985	KHO-400/100	Coal	0.8
76	Container Corporation	Fernandina Beach Florida / USA	1986	KSK-400/76	Wood Chips	0.35
77	Container Corporation	Fernandina Beach Florida / USA	1986	KSK-400/54	Wood Chips	0.35
78	ICI-Wilton	Middlesbrough England	1986	KSK-450/65	Coal	0.8
79	Archer Daniels Midl., Decatur, Ill./USA	USA	1986	KSK-450/79	Coal	0.8
80	Archer Daniels Midl., Cedar Rapids / USA	USA	1986	KSK-450/79	Coal	0.8
81	McNally Australia Pty. Ltd., North Ryde, NSW., Australia	Howick Mine, Hunter Valley (Australia)	1986	KHO-750/72	Raw coal	
82	McNally Australia Pty. Ltd., North Ryde, NSW., Australia	Howick Mine, Hunter Valley (Australia)	1986	KHO-1000/96	Clean coal	
83	India Cement, Madras / India	Madras India	1987	KHO-100/77	Coal	0.8
84	STEAG AG, Essen, Germany	Walsum (Germany)	1987	KHO-550/90	Coal	
85	India Cement	Shankar Nagar Tamil Nadu	1987	KHO-12577	Coal	0.8



No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
86	Gypsum Industrie	Knocknacran Ireland	1988	KHO-320/62	Raw Gypsum	1.6
87	PPC Johannesburg	Riebeeck West	1988	KHO-100/75	Duffcoal	0.8
88	Phoenix Zementwerke Krogbeumker KG, Beckum / Germany	Beckum Germany	1988	KHO-20/25	Coal	0.8
89	AES Shady Point, Panama, Oklahoma / USA	Oklahoma USA	1988	KSK-600/79	Coal	0.8
90	Cellulose des Ardennes S.A. Harnoncourt / Belgium	Harnoncourt Belgium	1988	KHO-150/115	Wood chips	0.35
91	Cellulose des Ardennes S.A. Harnoncourt / Belgium	Harnoncourt Belgium	1988	KHO-150/115	Wood chips	0.35
92	Perlmooser Zementwerke AG, Vienna	Mannersdorf Austria	1989	KHO-30/60	Clay	
93	Nekoosa Paper Inc., Ashdown, AK / USA	USA	1989	KSK-380/114	Wood chips	0.43
94	Nekoosa Paper Inc., Ashdown, AK / USA	USA	1989	KSK-380/114	Wood chips	0.43
95	Nekoosa Paper Inc., Ashdown, AK / USA	USA	1989	KSK-113/67	Wood chips	0.35
96	Bowater Southern Paper Corp., Catawba, South Carolina / USA	South Carolina USA	1989	KSK-363/96	Wood chips	0.4
97	Air Products Cambria Cogen.	Ebensburg, PA / USA	1989	KSK-180/54,8	Coal Refuse	1.8
98	Gold Fields S.A. Ltd., Northam / R.S.A.	South Africa	1990	KSK-275/80	Platinum ore	1.8
99	E. Schwenk Zementwerke KG Werk Karlstadt / Germany	Karlstadt Germany	1990	KHO-550/81	Limestone	1.4
100	Cinouca-Werk, Buskoura / Casablanca / Morocco	Casablanca Morocco	1991	KHO-420/81	Limestone	1.4



No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
101	La Cellulose du Rhone St. d'Aquitaine, St. Gaudens / France	St. Gaudens France	1991	KHO-240/121	Wood chips	0.3
102	E. Schwenk, Bernburg / Germany	Bernburg Germany	1991	KHO-1350/98	Limestone	1.4
103	China Hi - Ment Corp., Kaoshiung / Taiwan	Taiwan	1991	KHO-280/68	Slag	1
104	The New Brunswick Electric Power Commission, Fredericton, NB, Canada	Belledune Generating station, Belledune, NB (Canada)	1991	KHO-1200/130	Coal	0.85
105	N.V. Energieproductiebedrijf UNA Utrecht	Amsterdam The Netherlands	1992	KHO-1200/105	Coal	0.75
106	BATICIM Bati Anadolu Cimento San. A.S.	Izmir	1992	KHO-100/85	Coal	0.8
107	TPI Polene Co. Ltd., Werk Saraburi / Thailand	Thailand	1992	KHO-1000/104	Limestone	1.35
108	TPI Polene Co. Ltd., Werk Saraburi / Thailand	Thailand	1992	KHO-400/86	Limestone	1.4
109	Hercules Cement Co., Stockertown, PA / USA	USA	1993	K-300/75	Limestone	1.5
110	Kedah Cement Shn. Bhd., Werk Langkawi Kuala Lumpur / Malaysia	Kuala Lumpur Malaysia	1993	KHO-1000/116	Limestone	1.4
111	Hercules Cement	Stockertown PA / USA	1993	KHO-300/75	Limestone	1.5
112	FR Cement Corporation	Manila Philippinen	1994	KHO-400/30	Limestone	1.4
113	TPI Polene Co. Ltd., Werk Saraburi / Thailand		1994	KHO-1000/104	Limestone	1.35
114	Suez Cement	Egypt	1996	KHO-800/98	Limestone	1.4



No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
115	Tasek Cement	Malaysia	1996	KHO-450/83	Limestone	1.4
116	Egyptian Cement Co.	Egypt	1996	KHO-800/98	Limestone	1.4
117	Foster Wheeler Sierra Pacific Power	Reno, NV USA	1996	KSK-310/67	Raw Coal	0.88
118	KHI-Indocement	Indonesia	1997	KHO-750/126	Limestone	1.4
119	Fluor Daniel Cerro Vanguardia	Argentina	1997	KHO-105/58	Gold ore	1.6
120	Mount Isa Mining Australia	Mount Isa, Qld	1997	KHO-250/90	Copper Concentrate	2,0
121	La Cruz Azul Mexico	Mexico	1997	KHO-300/80	Limestone	1.4
122	Buxton Lime Ind. England	England	1997	KHO-1000/66	Limestone	1.4
123	Egyptian Cement Co.	Egypt	1999	KHO-800/98	Limestone	1.4
124	BHP Australia	Muswellbrook Australia	2002	KHO-2300/145	Raw coal	0,85-1,0
125/ 126	Hovensa	St. Croix, US Virgin Islands	2002	KSK-1000/30	Coal	0.88
127	BHP Billiton - Ravensthorpe Nickel;	Ravensthorpe, WA AUSTRALIA	2007	KHO-600/96	Saprolite	1.6
128	BHP Billiton - Ravensthorpe Nickel;	Ravensthorpe, WA AUSTRALIA	2007	KHO-1200/116	Limonite	1.6