



# Project Reference List

for RINOL Industrial Flooring Systems

# RINOL INDUSTRIAL FLOORS – PROJECT REFERENCE LIST

## Introduction

RINOL is the leading supplier of industrial floors in Europe. In its near 50 year history RINOL has completed many thousands of flooring projects totalling over 40 million square metres. This list of projects and users of RINOL resin based floors is a representative sample intended to illustrate the diversity of applications throughout a range of industrial, commercial and institutional users.

## Contents

RINOL resin based floors. A selected reference list.

- Automotive and engineering industry
- Chemical, pharmaceutical and related industries
- Electronics and telecommunications
- Food and beverage industry
- Hospitals and clinics
- Municipal, commercial and institutional buildings
- Transport and warehousing
- Other industries ( paper, textiles, packaging, glass, plastics)

## RINOL RESIN BASED FLOORS. A SELECTED REFERENCE LIST

### AUTOMOTIVE AND ENGINEERING INDUSTRY 1

USER	COUNTRY	CITY/STATE	SPECIFICATION	AREA m <sup>2</sup>	YEAR	CONDITIONS
Allied-Signal Automotive	BRAZIL	Sorocaba	RINOLALLROUNDER / SEALING / SAFETY / STANDARD	2.040	1998	Production areas
Andréas Sthill Moto Serra	BRAZIL	São Leopoldo	RINOLSOLID / STANDARD / ALLROUNDER / SEALING	4.360	1993-98	Various areas
Arburg	GERMANY	Loßburg	RINOLEXQUISIT	2.000	1995	Machine presentation area
AUDI	GERMANY	Ingolstadt	RINOLALLROUNDER / SEALING	106.000	1993-99	Production areas
AUDI	GERMANY	Neckarsulm	RINOLALLROUNDER	12.750	1997-98	Production areas
AUDI Hungary Motor	HUNGARY	Győr	RINOLALLROUNDER	55.580	1996-98	Storage and production areas
BMW	GERMANY	Berlin	RINOLALLROUNDER	4.350	1994-98	Production area
BMW	GERMANY	Hannover	RINOLALLROUNDER	3.100	1994	Production area
Carl Zeiss	GERMANY	Oberkochen	RINOLCONDUCTIVE	1.200	1989-91	Clean rooms
Challenge Technology	THAILAND	Chachoengsao	RINOLSTANDARD	800	1999	Mould manufacture
Chrysler do Brasil	BRAZIL	Campo Largo	RINOLSTANDARD / ALLROUNDER	2.300	2000	Production area
Cobreq - Cia Brasileira de Equipamentos	BRAZIL	Indaiatuba	RINOLSOLID	1.150	1998	Component manufacture
Construtora Camargo Ferraz	BRAZIL	Manaus	RINOLSOLID	2.625	1999	Assembly area
Cooper Tools Industrial	BRAZIL	Sorocaba	RINOLSEALING / SOLID	910	1998	Machining
Copeland	THAILAND	Rayong	RINOLSTANDARD	9.000	1999	Compressor manufacture
Daimler Chrysler Aerospace	GERMANY	Manching	RINOLHEAVYDUTY	3.500	1996	Paint removal from military aircraft
Daimler Chrysler Aerospace	GERMANY	Hamburg	RINOLHEAVYDUTY	5.000	1996	Airbus production
ELCO-Klöckner Brenner	GERMANY	Pirna	RINOLALLROUNDER	9.700	1995	Storage area
FERAG Maschinenbau	GERMANY	Mölkau	RINOLALLROUNDER	2.274	1994	Engineering works
Ford Brasil	BRAZIL	São Bernardo do Campo	RINOLSOLID	370	1995	Assembly area
Ford Brasil	BRAZIL	São Paulo	RINOLSTANDARD / ALLROUNDER / SOLID	620	1996-99	Assembly area
Ford Brasil - F.I.C. Componentes Automotivos	BRAZIL	Guarulhos	RINOLSTANDARD / ALLROUNDER	5.100	1995-96	Component manufacture
Fränkisches Zahnradwerk	GERMANY	Bad Windsheim	RINOLALLROUNDER	4.943	1989	Manufacture of gears
Franz Hermle + Sohn	GERMANY	Gosheim	RINOLSTANDARD / CONDUCTIVE	2.792	1987	Watch manufacture
GE Aviation	SINGAPORE	Loyang	RINOLSTANDARD	6.000	1997	Aircraft maintenance
General Motors do Brasil	BRAZIL	Piracicaba	RINOLSTANDARD / ALLROUNDER / SEALING	2.780	1993-98	Assembly area
General Motors do Brasil	BRAZIL	São José dos Campos	RINOLSEALING	4.040	1996	Assembly area
Getoflex Metzeler Indústria e Comércio	BRAZIL	Guarulhos	RINOLSEALING	2.390	1993-94	Production areas
Getoflex Metzeler Indústria e Comércio	BRAZIL	Sorocaba	RINOLSOLID	1.790	1999	Production areas
GETRAG	ITALY	Bari	RINOLALLROUNDER	22.500	1997-98	Production areas
Getrag - Getriebe- und Zahnradfabrik Hermann Hagemeyer	GERMANY	Rosenberg	RINOLALLROUNDER	1.100	1993	Gearbox manufacture
Getrag - Getriebe- und Zahnradfabrik Hermann Hagemeyer	GERMANY	Ludwigsburg	RINOLALLROUNDER / STANDARD / CONDUCTIVE	9.745	1990	Gearbox manufacture
Goodyear do Brasil Produtos de Borracha	BRAZIL	Americana	RINOLSOLID / STANDARD / ALLROUNDER / SEALING	1.890	1997-99	Tyre manufacture
Goodyear do Brasil Produtos de Borracha	BRAZIL	São Bernardo do Campo	RINOLSOLID	100	1997	Tyre manufacture
Groz & Beckett Nadelfabriken	GERMANY	Albstadt	RINOLALLROUNDER	1.800	1996	Needle manufacture
ITT Automotive do Brasil	BRAZIL	Várzea Paulista	RINOLSOLID	1.580	1998	Electronic components
Labinal	CHINA	Hangzhou	RINOLSTANDARD	800	1995	Production area
Land Rover do Brasil	BRAZIL	São Bernardo do Campo	RINOLSTANDARD / ALLROUNDER	5.900	1998	Assembly area
Lucas Automotive	GERMANY	Koblenz	RINOLALLROUNDER	7.800	1995	Production areas
Mercedes- Benz do Brasil	BRAZIL	Juiz de Fora	RINOLSAFETY / SEALING / STANDARD / ALLROUNDER	213.000	1997-2000	All production and storage areas
Mercedes- Benz do Brasil	BRAZIL	São Bernardo do Campo	RINOLSOLID	145	1996	Assembly area
Mercedes-Benz	GERMANY	Berlin	RINOLALLROUNDER	23.400	1993-98	Production areas
Mercedes-Benz	GERMANY	Rastatt	RINOLCONDUCTIVE	943	1993	Production area
Mercedes-Benz	GERMANY	Sindelfingen	RINOLALLROUNDER	4.568	1991	Chemical storage (WHG) area
Mercedes-Benz	GERMANY	Stuttgart	RINOLALLROUNDER	1.400	1996	Production areas
Opel (General Motors)	GERMANY	Bochum	RINOLALLROUNDER	110.000	1996-98	Production areas
Opel (General Motors)	GERMANY	Kaiserslautern	RINOLALLROUNDER	24.700	1994-96	Production areas
Opel (General Motors)	GERMANY	Rüsselsheim	RINOLALLROUNDER	80.000	1993-95	Production areas
Opel Austria (General Motors)	AUSTRIA	Wien	RINOLALLROUNDER	91.000	1995-98	Production areas
Opel Hungary (General Motors)	HUNGARY	Szentgotthard	RINOLALLROUNDER	16.000	1996	Production areas

## RINOL RESIN BASED FLOORS. A SELECTED REFERENCE LIST

### AUTOMOTIVE AND ENGINEERING INDUSTRY 2

USER	COUNTRY	CITY/STATE	SPECIFICATION	AREA m <sup>2</sup>	YEAR	CONDITIONS
SAAB Automobile	SWEDEN	Trollhättan	RINOLALLROUNDER	37.000	1996-97	Assembly areas
Sachs Automotive Brasil	BRAZIL	Araraquara	RINOLSEALING	1.000	1998	Component manufacture
Sachs Automotive Brasil	BRAZIL	São Bernardo do Campo	RINOLSTANDARD / ALLROUNDER / SOLID / SEALING	3.140	1999-2000	Component manufacture
Scania do Brasil	BRAZIL	São Bernardo do Campo	RINOL SOLID / SAFETY / STANDARD / ALLROUNDER / SEALING	36.390	1992-2000	Assembly areas
SEAT (Volkswagen)	SPAIN	Martorell	RINOLSTANDARD	150.000	1992	Assembly areas
SEAT (Volkswagen)	SPAIN	Pamplona	RINOLSTANDARD	20.000	1992	Assembly areas
SKET Drahtziehmaschinen	GERMANY	Chemnitz	RINOLALLROUNDER	4.000	1993/94	Wire factory
Sogefi - Indústria de Auto Peças	BRAZIL	São Bernardo do Campo	RINOLSEALING	5.910	1993-94	Component manufacture
Thai Bridgestone Company	THAILAND	Bangkok	RINOL SOLID	500	1999	Tyre manufacture
Toyota	AUSTRIA	Wien	RINOLALLROUNDER	23.000	1993	Production areas
Toyota Deutschland	GERMANY	Bruchsal	RINOLSTANDARD / CONDUCTIVE	2.500	1991	Production area
Toyota Deutschland	GERMANY	Köln	RINOLSTANDARD	1.100	1992	Production area
Toyota do Brasil S/A - Indústria e Comércio	BRAZIL	São Bernardo do Campo	RINOL SOLID	560	1993-94	Production area
Valeo	SPAIN	Barcelona	RINOLALLROUNDER	3.000	1998/99	Auto components
VEM Motors	GERMANY	Wernigerode	RINOLALLROUNDER	12.000	1995	Production areas
Volkswagen	BELGIUM	Brussels	RINOLSEALING	25.900	1995-97	Production areas and clean room
Volkswagen	GERMANY	Baunatal	RINOLALLROUNDER / STANDARD	52.300	1997-99	Production areas
Volkswagen	GERMANY	Kassel	RINOLSTANDARD	22.000	1997-98	Production areas
Volkswagen	GERMANY	Wolfsburg	RINOLALLROUNDER	3.500	1997-98	Production areas
Volkswagen Bratislava	SLOVAKIA	Bratislava	RINOLSTANDARD	8.000	1997-98	Production hall M1 renovation
Volkswagen Motor Polska (VW)	POLAND	Polkowice	RINOLALLROUNDER	24.000	2000	Assembly areas
Volkswagen Storage	GERMANY	Wolfsburg	RINOLSTANDARD	5.000	1995	Warehouse

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### CHEMICAL, PHARMACEUTICAL AND RELATED INDUSTRIES 1

USER	COUNTRY	CITY/STATE	SPECIFICATION	AREA m <sup>2</sup>	YEAR	CONDITIONS
Abbott Laboratories	SPAIN	-	RINOLALLROUNDER	1.600	1992	Pharmaceutical production and packaging
AGFA Gevaert	GERMANY	München	RINOLCONDUCTIVE	210	1986	Production area
AIN Medicare	MALAYSIA	Kelantan	RINOLALLROUNDER	400	1994	Production area
Akzo Nobel	BRAZIL	São Bernardo do Campo	RINOLSTANDARD / ALLROUNDER / SAFETY	120	1996	Production area
Alcon Laboratório do Brasil	BRAZIL	São Paulo	RINOLSTANDARD / ALLROUNDER / SAFETY	650	1996-2000	Production area
Amoco Chemical (Malaysia)	MALAYSIA	Pahang	VINYL ESTER MORTARS AND LININGS	14.000	1995	Petrochemical plant
Amway	CHINA	Guangzhou	RINOLALLROUNDER	6.600	1997	Production areas
Andrew do Brasil	BRAZIL	Sorocaba	RINOLSEALING	4.600	1996	Production and storage areas
Asia Pharmaceutical	MALAYSIA	Penang	RINOLALLROUNDER	1.000	1992	Production area
Asiatic Developments	MALAYSIA	Seremban	RINOL SOLID	600	1992	Rubber factory
Astra Química e Produtos Farmacêuticos	BRAZIL	Barueri	RINOLSEALING	2.970	1996-98	Production areas
Atlantic Pharmaceutical	THAILAND	Bangkok	RINOLSEALING	200	1998	Assembly areas
AZU Chemie	GERMANY	Gerlingen	RINOLALLROUNDER / CONDUCTIVE	7.750	1986-88	Production and storage areas
BASF	GERMANY	Ludwigshafen	RINOLALLROUNDER / CONDUCTIVE	4.500	1981-97	Production and storage areas
Bayer	FRANCE	Sens	RINOLALLROUNDER	530	1988	Pharmaceutical production
Bayer	BRAZIL	Porto Alegre	RINOLSEALING	140	1996	Production area
Bayer	GERMANY	Bitterfeld	RINOLALLROUNDER / CONDUCTIVE	15.000	1993	Production and storage areas
Bayer	GERMANY	Dormagen	RINOLALLROUNDER / CONDUCTIVE	2.580	1988-94	Production and storage areas
Bayer	GERMANY	Wuppertal	RINOLHEAVYDUTY / ALLROUNDER	20.420	1988-94	Production and storage areas
Bayer	GERMANY	Leverkusen	RINOL SOLID	758	1993	Storage (WHG) area
Behringwerke	GERMANY	Marburg	RINOLALLROUNDER	1.500	1990	Production area
Biogênica Química e Farmacêutica	BRAZIL	Taboão da Serra	RINOLSEALING / SAFETY / SOLID	330	1995	Process area
Boehringer	GERMANY	Ingelheim	RINOLALLROUNDER / CONDUCTIVE / DESIGN / SEALING / SOLID	38.000	1985-98	Production storage and reception areas
Boehringer Ingelheim	BRAZIL	Itapicirica da Serra	RINOLSAFETY	460	2000	Production area
Boehringer Ingelheim	SPAIN	Barcelona	RINOL SOLID	10.700	1997-98	Pharmaceutical production and packaging
Bristol Arzneimittel	GERMANY	Troisdorf	RINOLALLROUNDER	2.800	1985	Production and storage areas
Castrol Brasil	BRAZIL	Osasco	RINOLSTANDARD / ALLROUNDER / SEALING	970	1998-99	Lubricating oil
Ceras Johnson	BRAZIL	Rio de Janeiro	RINOLSEALING	550	1997	Household products
Ciba-Geigy	BRAZIL	Sao Paulo	RINOLALLROUNDER / SAFETY / SEALING	1.350	1992-96	Production areas
Ciba-Geigy	SWITZERLAND	Basel	RINOLALLROUNDER	400	1997	Process area
Colgate Palmolive	BRAZIL	São Paulo	RINOLSAFETY	180	1994	Process area
Colgate Palmolive (Malaysia)	MALAYSIA	Selangor	POLYURETHANE MORTAR	1.050	1999	Toiletty production and storage
Duopharma (Malaysia)	MALAYSIA	Selangor	RINOLSTANDARD	600	1996	Production area
Dynamit Nobel	GERMANY	Fürth	RINOLCONDUCTIVE	480	1991	Production area
Dynapharm (Malaysia)	MALAYSIA	Selangor	RINOL SOLID	100	1993	Production area
Eli Lilly do Brasil	BRAZIL	São Paulo	RINOLSTANDARD / ALLROUNDER / SEALING / SOLID / SAFETY	12.000	1993-2000	Production and storage areas
Eli Lilly do Brasil	BRAZIL	Cosmópolis	RINOLSAFETY / STANDARD / ALLROUNDER	4.010	1998-2000	Production and storage areas
Eli Lilly do Brasil	BRAZIL	Juiz de Fora	RINOLSTANDARD	630	1999	Process area.
Eli Lilly do Brasil Ltda.	BRAZIL	Sao Paulo	RINOLALLROUNDER	9.000	1995-98	Production areas
Euromedical Industies	MALAYSIA	Penang	RINOLALLROUNDER	300	1992	Production area
Fidelity Chemical Products	MALAYSIA	Sarawak	RINOLSTANDARD	800	1996	Storage area
Gehe	GERMANY	Stuttgart	RINOLALLROUNDER	13.800	1986-96	Production and storage areas
H. C. Starck (Bayer)	THAILAND	Rayong	RINOLCONDUCTIVE	200	1999	Tantalum production
Henkel Oleochemicals	MALAYSIA	Selangor	POLYURETHANE MORTAR	50	1995	Storage area
Hoechst	GERMANY	Karlsruhe	RINOLALLROUNDER	2.284	1995	Storage area
Hohan Medical Company	MALAYSIA	Selangor	RINOLALLROUNDER	100	1994	Production area
Homeofarma	MALAYSIA	Kedah	POLYURETHANE MORTAR	4.930	1997-99	Pharmaceutical production
HPA Industries	MALAYSIA	Kuala Lumpur	POLYURETHANE MORTAR	320	1997	Pharmaceutical production
HPA Industries	MALAYSIA	Perlis	POLYURETHANE MORTAR	310	1998	Pharmaceutical production and packaging

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### CHEMICAL, PHARMACEUTICAL AND RELATED INDUSTRIES 2

USER	COUNTRY	CITY/STATE	SPECIFICATION	AREA m <sup>2</sup>	YEAR	CONDITIONS
Jenapharm	GERMANY	Jena	RINOLALLROUNDER	5.000	1992-96	Production and storage areas
Lam Soon (Malaysia)	MALAYSIA	Selangor	POLYURETHANE MORTAR	540	1994-95	Palm oil refining, Soap manufacture
Liming Cosmetic (Wella Shampoo)	CHINA	Tianjin	RINOLALLROUNDER	2.000	1996	Production and packaging areas
Lohmann Neuwied	GERMANY	Andernach	RINOLALLROUNDER	30.000	1990-93	Production areas
Ludwig Merckle	GERMANY	Blaubeuren	RINOLSOLID	1.500	1992	Production areas
Luitpoldwerk	GERMANY	München	RINOLALLROUNDER	1.059	1989	Production areas
Malay-Sino Chemical	MALAYSIA	Perak	POLYURETHANE MORTAR	300	1995	Production area
Matsushita Battery (Thailand)	THAILAND	Samutprakarn	RINOLALLROUNDER	3.200	2000	Storage batteries
Nanjing Pharma	CHINA	Nanjing	RINOLALLROUNDER	1.900	1999	Production and packaging areas
Novartis Biociências	BRAZIL	São Paulo	RINOLSEALING	260	1997-98	Storage area
Petronas	MALAYSIA	Melaka	RINOLSEALING / SOLID	3.300	1994	Workshops and stores
Pfizer Pharmaceuticals	CHINA	Dalian	RINOLALLROUNDER	6.000	1998	Process area
Pharmmalaysia	MALAYSIA	Kedah	RINOLALLROUNDER	5.760	1992-96	Production and storage areas
Procter & Gamble	CHINA	Guangzhou	RINOLALLROUNDER	8.600	1996	Production and packaging areas
Procter & Gamble	CHINA	Tianjin	RINOLALLROUNDER	2.300	1996	Production and packaging areas
Ranbaxy (Malaysia)	MALAYSIA	Kedah	RINOLALLROUNDER	1.200	1994	Production area
Rhodia Brasil	BRAZIL	Paulínea	RINOLSTANDARD / ALLROUNDER / SEALING	490	1993-98	Production area
Rhodia Brasil	BRAZIL	Santo André	RINOLSAFETY	2.200	1997-98	Production areas
Roche	ITALY	Milano	RINOLALLROUNDER	22.000	1996	Production areas
Rohm & Haas	THAILAND	Rayong	RINOLALLROUNDER	200	1999	Production area
Schering	ITALY	Milano	RINOLALLROUNDER	6.000	1997	Production areas
See Sen Alkali	MALAYSIA	Terengganu	POLYURETHANE MORTAR	810	1997	Process and storage areas
Siam Bhesach	THAILAND	Bangkok	RINOLSOLID	800	1998	Production area
SM Chemicals	MALAYSIA	Kedah	POLYURETHANE MORTAR	2.900	1997-98	Pharmaceutical production and packaging
Smith Kline Beecham	MALAYSIA	Selangor	POLYURETHANE MORTAR	110	1997-99	Storage area
Smith Kline Beecham Pharma	GERMANY	Gronau	RINOLALLROUNDER	3.000	1990-93	Production area
T O Pharma	THAILAND	Bangkok	RINOLSOLID	300	1998	Production area
Tioxide	MALAYSIA	Terengganu	POLYURETHANE MORTAR	14.720	1992-99	Titanium dioxide manufacture
UB- Chemical Industries	THAILAND	Bangkok	RINOLSOLID	1.800	2000	Cosmetic production
Uphar Pharmaceutical	MALAYSIA	Selangor	POLYURETHANE MORTAR / RINOLSOLID	290	1992-98	Production area
Wacker Chemie	GERMANY	Burghausen	RINOLCONDUCTIVE / ALLROUNDER	5.700	1989	Storage and production areas
Wacker-Chemie	GERMANY	Burghausen	RINOLALLROUNDER	5.000	1987-90	Production areas
Warner Lambert (Manufacturing)	MALAYSIA	Selangor	POLYURETHANE MORTAR / RINOLALLROUNDER	100	1993	Packaging area



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### ELECTRONICS & TELECOMMUNICATIONS 1

USER	COUNTRY	CITY/STATE	SPECIFICATION	AREA m <sup>2</sup>	YEAR	CONDITIONS
Adtranz (formerly AEG Schienenfahrzeuge)	GERMANY	Hennigsdorf	RINOL CONDUCTIVE	8.000	1995-96	Production areas
AEG Schorch Transformatoren	GERMANY	Mönchengladbach	RINOL CONDUCTIVE	5.000	1995	Production areas
AEG/TRO Transformatoren und Schaltgeräte	GERMANY	Berlin	RINOL CONDUCTIVE	5.000	1994-96	Production areas
Alcatel Telecommunications	MALAYSIA	Penang	RINOL CONDUCTIVE	3.500	1993	Production areas
Bosch	FRANCE	Mondeville	RINOL CONDUCTIVE	12.000	1991	Production areas
Bosch	GERMANY	Crailsheim	RINOL CONDUCTIVE	3.253	1993	Production area
Bosch	GERMANY	Eisenach	RINOL ALLROUNDER	12.000	1995	Storage area, superflat floor
Bosch	GERMANY	Frankfurt am Main	RINOL ALLROUNDER	6.000	1995/96	Production area
Bosch	GERMANY	Homburg	RINOL CONDUCTIVE	533	1992	Production area
Bosch	GERMANY	Nürnberg	RINOL ALLROUNDER	1.000	1997	Production area
Bosch	GERMANY	Reutlingen	RINOL STANDARD	620	1988	Production area
Bosch	GERMANY	Salzgitter	RINOL DESIGN / STANDARD	4.700	1998	Reception and production areas
Bosch	GERMANY	Stuttgart	RINOL CONDUCTIVE	1.027	1996-98	Production area
Bosch	UNITED KINGDOM	Cardiff	RINOL ALLROUNDER	2.000	1999	Storage area, superflat floor
Bosch-Telekom	GERMANY	Frankfurt am Main	RINOL ALLROUNDER / CONDUCTIVE	6.000	1996	Production areas
Canon Giessen	GERMANY	Gießen	RINOL ALLROUNDER	6.000	1993-95	Superflat floor in production area
Celcom	MALAYSIA	Selangor	RINOL CONDUCTIVE / SOLID	800	1994	Production area
Cherry Mikroschalter	GERMANY	Auerbach	RINOL ALLROUNDER	3.500	1996	Printed circuit boards
Cnes. Hosape (AEG)	SPAIN	-	RINOL ALLROUNDER	6.000	1992	Assembly of electronic devices
Coensa Ansaldo	BRAZIL	Canoas	RINOL STANDARD / ALLROUNDER	1.520	1993-94	Production area
Crystal Clear Technology	MALAYSIA	Selangor	POLYURETHANE MORTAR	300	1999	Assembly area
Daiwa Circuit Module	THAILAND	Samutprakarn	RINOL SEALING	900	2000	Printed circuit boards
Desk Top	CHINA	Shi Gu Tang Xiu, Dongguang	RINOL ALLROUNDER	800	1997	Assembly area
Digital Equipment International	GERMANY	Kaufbeuren	RINOL CONDUCTIVE	240	1992	Production area
Grundig	GERMANY	Nürnberg	RINOL ALLROUNDER	1.000	1996	Production area
GSS Array	THAILAND	Ayuthaya	RINOL SOLID	2.000	1998	Production area
Hewlett Packard	MALAYSIA	Penang	RINOL SOLID	140	1994	Production area
Hitachi	SINGAPORE	Changi South	RINOL CONDUCTIVE	5.000	1996	Assembly line
Hitachi	SINGAPORE	Loyang/Bedok	RINOL SOLID	2.000	1999	Plating line
Hitachi	SINGAPORE	Tampines	POLYURETHANE SEALING / VINYL ESTER LININGS	18.300	1997	Microchip production, clean room and waste water treatment
JPK (Malaysia)	MALAYSIA	Selangor	RINOL SOLID	350	1994	Production area
Lucent Technologies Network System	GERMANY	Nürnberg	RINOL CONDUCTIVE	10.000	1997	Production areas
Magnequench	CHINA	Tianjin	RINOL ALLROUNDER	2.000	1999	Assembly and storage area
Matsushita Devices (Malaysia)	MALAYSIA	Selangor	RINOL ALLROUNDER	1.000	1993	Production area
Matsushita Electronic Components	THAILAND	Samutprakarn	RINOL SEALING	3.000	2000	Printed circuit boards
Max-Planck-Institute	GERMANY	Heidelberg	RINOL SOLID	404	1990	Research institute
Motorola (Malaysia)	MALAYSIA	Selangor	POLYURETHANE MORTAR	460	1992-98	Semi-conductor production area
Murata	CHINA	Beijing	RINOL ALLROUNDER	955	1998	Production area
Murata	SINGAPORE	Yishun	RINOL STANDARD	2.500	1996	Assembly line
Nokia	CHINA	Suzhou	RINOL STANDARD / ALLROUNDER	2.380	1997	Assembly area
Optical Cable	CHINA	Lungjiang, Shanghai	RINOL ALLROUNDER	1.000	1998	Production area
Pembinaan ZB	MALAYSIA	Pahang	POLYURETHANE MORTAR	300	1996	Production area
Philips	CHINA	Nanjing	RINOL ALLROUNDER	30.000	1999-2000	Production and storage areas
Read-Rite	THAILAND	Ayuthaya	RINOL CONDUCTIVE	400	1999	Computer components

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### ELECTRONICS & TELECOMMUNICATIONS 2

USER	COUNTRY	CITY/STATE	SPECIFICATION	AREA m <sup>2</sup>	YEAR	CONDITIONS
Samsung Corning (Malaysia)	MALAYSIA	Seremban	RINOLSTANDARD	10.500	1996	Components for TV screens
Samsung Electron Devices	MALAYSIA	Seremban	POLYURETHANE MORTAR	45.040	1994-99	Colour TV tubes
Samsung Electronic Display	MALAYSIA	Seremban	POLYURETHANE MORTAR	11.580	1995-98	Colour display tubes
Samsung Shenzen	CHINA	Shenzen	POLYURETHANE MORTAR	11.000	1997	Assembly of electronic devices
SGP-Siemens Verkehrstechnik	AUSTRIA	Wien	RINOLALLROUNDER	12.000	1991-93	Production areas
Siemens	BRAZIL	SãoPaulo	RINOL SOLID / SAFETY / STANDARD / ALLROUNDER / SEALING	650	1994-98	Production area
Siemens	GERMANY	Erlangen	RINOLALLROUNDER	10.000	1995	Production and storage areas
Siemens	GERMANY	Fürth	RINOL CONDUCTIVE	25.000	1981/90	Production and storage areas
Siemens	GERMANY	Kemnath	RINOLALLROUNDER	105	1992	Medical equipment production
Siemens	GERMANY	Leipzig	RINOLETEC	12.000	1999	Production area
Siemens	GERMANY	München	RINOLALLROUNDER	43.000	1994	Production and storage areas
Siemens	GERMANY	Neustadt	RINOLALLROUNDER	480	1989	Production area
Siemens	GERMANY	Nürnberg	RINOLALLROUNDER	2.900	1998	Production area
Siemens	GERMANY	Poing	RINOL CONDUCTIVE	24.000	1990	Microchip production
Siemens	GERMANY	Regensburg	RINOL CONDUCTIVE / ALLROUNDER	26.650	1984-89	Production areas
Siemens	GERMANY	Würzburg	RINOL CONDUCTIVE	200	1992	Production area
Siemens Components	MALAYSIA	Melaka	POLYURETHANE MORTAR	850	1993-96	Production area
Singapore Technologies (STAT)	SINGAPORE	Yishun	VINYL ESTER LININGS / RINOLSTANDARD	34.900	1996	Chemical process areas and clean rooms
Schneider	CHINA	Shanghai	RINOLALLROUNDER	1.200	1998	Production area
Sony Video (Malaysia)	MALAYSIA	Selangor	POLYURETHANE MORTAR	4.040	1997-98	VCR assembly
Sony Video (Malaysia)	SINGAPORE	Tuas	VINYL ESTER LININGS / RINOL SEALING	5.000	1995	Chemical process areas
Toshiba	THAILAND	Pathumthani	VINYL ESTER MORTARS AND LININGS	500	2000	Waste water treatment area
Warner Electric	GERMANY	Wolfschlugen	RINOLALLROUNDER	3.450	1991	Production area
Western Digital (Malaysia)	MALAYSIA	Selangor	RINOL SOLID	350	1993	Production area



## RINOL RESIN BASED FLOORS. A SELECTED REFERENCE LIST

### FOOD AND BEVERAGE INDUSTRY 1

USER	COUNTRY	CITY/STATE	SPECIFICATION	AREA m <sup>2</sup>	YEAR	CONDITIONS
Ajinomoto (Malaysia)	MALAYSIA	Kuala Lumpur	RINOLSEALING	2.600	1992	Production and storage areas
Ajinomoto Frozen Foods	THAILAND	Ayuthaya	RINOLSOLID	700	1998	Shrimp processing
Andaman Seafood Industries	THAILAND	Samutsakorn	RINOLSTANDARD	4.000	2000	Water storage area
Asia Dairies	SINGAPORE	-	POLYURETHANE MORTAR	200	1999	Milk processing
Baba Product (Malaysia)	MALAYSIA	Selangor	RINOLSOLID	230	1995	Production area
Brauerei Leikeim	GERMANY	Altenburg	RINOLALLROUNDER	1.600	1991/92	Brewery refurbishment
Brauerei Thier GmbH	GERMANY	Dortmund	RINOLHEAVYDUTY	780	1989	Washing area
Cadbury Confectionery	MALAYSIA	Selangor	POLYURETHANE MORTAR	2.460	1992-95	Chocolate manufacture
Campbell Cheong Chan (Malaysia)	MALAYSIA	Selangor	POLYURETHANE MORTAR	1.960	1996-99	Soysauce and sou p production
Carlsberg Brewery (Malaysia)	MALAYSIA	Selangor	POLYURETHANE MORTAR	4.440	1996-99	Brewing and bottling areas
Carlsberg Brewery (Thailand)	THAILAND	Bangkok	POLYURETHANE MORTAR	8.000	1997-98	Brewing and bottling and washing areas
Cerebos (Malaysia)	MALAYSIA	Selangor	POLYURETHANE MORTAR	310	1997	Salt packaging
Chocolates Garoto	BRAZIL	Vila Velha	RINOLSTANDARD / ALLROUNDER	4.010	1996-97	Production and storage areas
CocoaHouse Industries	MALAYSIA	Selangor	RINOLSOLID	190	1992	Cocoa factory
Corn Produtos do Brasil	BRAZIL	Cabo	RINOLSAFETY	1.110	1998-99	Corn syrup production
CP-Meiji	THAILAND	Saraburi	RINOLSOLID	1.400	1999	Milk processing
Darry's Confectionery	MALAYSIA	Selangor	POLYURETHANE MORTAR	300	1996	Chocolate production
David's Distribution	MALAYSIA	Selangor	RINOLSTANDARD	800	1995	Warehouse
Deluxe Food Services	MALAYSIA	Selangor	RINOLSEALING	200	1995	Kitchen
Dewina Food Industries	MALAYSIA	Selangor	POLYURETHANE MORTAR	600	1994	Meat processing
EDNA Tiefkühlkost GmbH	GERMANY	Neunkirchen	RINOLALLROUNDER	4.500	1987	Frozen food storage
Eu Yan Sang	MALAYSIA	Selangor	POLYURETHANE MORTAR	580	1997	Production area
Fama (Malaysia)	MALAYSIA	Kuala Lumpur	POLYURETHANE MORTAR	300	1999	Kitchen
Federal Agricultural Industries.	MALAYSIA	Selangor	POLYURETHANE MORTAR	130	1998	Process area
Food Specialties (Nestle)	MALAYSIA	Selangor	POLYURETHANE MORTAR	440	1992-94	Nescafe production areas, cold room
Friedrich Schüle Fleisch- und Wurstwaren	GERMANY	Wutöschingen	RINOLSOLID	2.500	1995	Meat processing
Frigobrás Cia Brasileira de Frigoríficos	BRAZIL	São Paulo	RINOLSAFETY / SOLID	2.990	1998	Storage areas
Gardenia Bakeries (Malaysia)	MALAYSIA	Selangor	POLYURETHANE MORTAR	50	1999	Baking area
Gubor Schokoladenfabrik	GERMANY	Müllheim	RINOLALLROUNDER / SOLID	1.000	1992	Production and storage areas
Hermann Wein GmbH & Co KG	GERMANY	Freudenstadt-Musbach	RINOLSOLID	5.300	1993/98	Meat processing
Jacy Industries	MALAYSIA	Perak	RINOLSOLID	1.000	1992	Noodle production
Kedah State Corporation	MALAYSIA	Kedah	POLYURETHANE MORTAR	3.380	1997	Abattoir
KHH Double Lion	MALAYSIA	Selangor	POLYURETHANE MORTAR	1.590	1998	Beverage production and bottling
Lam Soon (Malaysia)	MALAYSIA	Johor	POLYURETHANE MORTAR	800	1998	Beverage production
Lotus (Tesco)	THAILAND	Bangkok (Sukhumvit)	RINOLSEALING	600	2000	Process area in food store
Lotus (Tesco)	THAILAND	Bangkok (Chaeng Wattana)	RINOLSEALING	800	2000	Process area in food store
Lotus (Tesco)	THAILAND	Bangkok (Rama 4)	RINOLSTANDARD	400	2000	Process area in food store

## RINOL RESIN BASED FLOORS. A SELECTED REFERENCE LIST

### FOOD AND BEVERAGE INDUSTRY 2

USER	COUNTRY	CITY/STATE	SPECIFICATION	AREA m <sup>2</sup>	YEAR	CONDITIONS
MAS Catering	MALAYSIA	Selangor	POLYURETHANE MORTAR	28.530	1997-99	Caterin g facility at international airport
McCormick	CHINA	Guangzhou	RINOLALLROUNDER	5.000	2000	Production and storage areas
Mead Johnson	CHINA	Guangzhou	RINOLALLROUNDER	2.300	1997	Storage areas
Mishima Food Industries	CHINA	Dalian	POLYURETHANE MORTAR	600	1998	Process area
MK Restaurants	THAILAND	Bangkok	RINOLSOLID	8.000	2000	Restaurant
Nabisco	BRAZIL	Piracicaba	RINOLSOLID	1.070	1994	Storage areas
Nestlé Foods	CHINA	Shuangcheng	RINOLALLROUNDER	1.370	2000	Storage areas
Nestlé Cold Storage	MALAYSIA	Sarawak	POLYURETHANE MORTAR	2.060	1996-98	Ice-cream factory
Nestlé Cold Storage	MALAYSIA	Selangor	POLYURETHANE MORTAR	1.430	1997	Ice-cream factory
Nestlé Foods	MALAYSIA	Seremban	POLYURETHANE MORTAR	10.080	1993-96	Milo and chocolate manufacture
Nestlé Foods	MALAYSIA	Selangor	POLYURETHANE MORTAR / RINOLSTANDARD	19.930	1993-99	Multi-purpose plant. Process, packing, storage areas. Cold rooms
Nestlé Foods (Thailand)	THAILAND	Pathumthani	RINOLSOLID	460	2000	Chocolate production
Nestlé Industrial e Comercial	BRAZIL	Porto Ferreira	RINOLSTANDARD / ALLROUNDER / SOLID	200	1994	Storage areas
Nestlé Industrial e Comercial	BRAZIL	Araras	RINOLSOLID / SEALING / STANDARD / ALLROUNDER	1.380	1994-96	Process area
Nestlé Industrial e Comercial	BRAZIL	São José do Rio Pardo	RINOLSTANDARD / ALLROUNDER / SOLID / SAFETY	4.460	1994-99	Production and storage areas
Nestlé Industrial e Comercial	BRAZIL	Caçapava	RINOLSTANDARD / ALLROUNDER / SEALING	9.560	1995-99	Production and storage areas
Nestlé Industrial e Comercial	BRAZIL	Barra Mansa	RINOLSTANDARD / ALLROUNDER / SEALING	2.040	1995-97	Production and storage areas
Nestlé Industrial e Comercial	BRAZIL	Araraquara	RINOLSTANDARD / ALLROUNDER	630	1997-98	Storage area
Olympiaparkrestaurant München	GERMANY	München	RINOLXQUISIT	800	1992	Restaurant and bar
Osotspa	THAILAND	Bangkok	RINOLSOLID	800	1999	Vitamin drink manufacture
Pokka Ace	MALAYSIA	Selangor	POLYURETHANE MORTAR	970	1994-96	Soft drinks
Polar Ice Cream	MALAYSIA	Selangor	POLYURETHANE MORTAR	670	1997-98	Packaging area
PSC Industries	MALAYSIA	Melaka	RINOLALLROUNDER	660	1996	Packaging area
PT. Bonecom	INDONESIA	Jakarta	POLYURETHANE MORTAR	1.000	1998	Fish processing, chillers
Sadia	BRAZIL	São Paulo	RINOLSAFETY / SEALING / SOLID	2.030	1999-2000	Production and storage areas
Sahachol Food Supplies	THAILAND	Chonburi	RINOLSOLID	230	1999	Soup and noodle production
Selangor Food Industries	MALAYSIA	Selangor	POLYURETHANE MORTAR	1.170	1998	Process and storage areas
Selat Senja	MALAYSIA	Selangor	POLYURETHANE MORTAR	320	1998	Process area
Solid Side Food Industries	MALAYSIA	Kuala Lumpur	POLYURETHANE MORTAR	730	1999	Milk processing
Spal - Indústria Brasileira de Bebidas	BRAZIL	Mogi das Cruzes	RINOLSAFETY / SOLID / SEALING / STANDARD / ALLROUNDER	6.960	1993-96	Soft drinks, production and packing
Spal - Indústria Brasileira de Bebidas	BRAZIL	São Paulo	RINOLSAFETY / SOLID / SEALING / STANDARD / ALLROUNDER	2.800	1993-95	Soft drinks, production and packing
Spal - Indústria Brasileira de Bebidas	BRAZIL	Cosmópolis	RINOLSOLID / SEALING / STANDARD / ALLROUNDER	2.630	1993-97	Soft drinks, production and packing
Spal - Indústria Brasileira de Bebidas	BRAZIL	Jundiaí	RINOLSEALING / SAFETY	5.810	1993-95	Soft drinks, production and packing
Spal - Indústria Brasileira de Bebidas	BRAZIL	Itapeirica da Serra	RINOLSAFETY	430	1995	Soft drinks, production and packing
Spal - Indústria Brasileira de Bebidas	BRAZIL	Ribeirão Preto	RINOLSAFETY	2.640	1995	Soft drinks, production and packing
Stamford Food Industries	MALAYSIA	Selangor	RINOLSOLID	150	1993-94	Production area
Stollwerck Polska	POLAND	-	RINOLALLROUNDER	3.000	1995	Cake production
Sun Valley (Thailand)	THAILAND	Lopburi	RINOLSTANDARD / SOLID	6.000	2000	Chicken processing
Susu Lembu Asli	MALAYSIA	Johor	POLYURETHANE MORTAR	570	1997-99	Dairy
Teh Frozen Foods	MALAYSIA	Selangor	POLYURETHANE MORTAR	130	1997	Cold room
Tropical Canning (Thailand)	THAILAND	Hatvai	RINOLSOLID	200	1999	Canned fruit
Vitasoy	CHINA	Shanghai	RINOLALLROUNDER	9.000	1997	Soya processing
Vitasoy	CHINA	Shenzen	RINOLALLROUNDER	10.000	1998	Soya processing
Westfälische Getränkeindustrie (Coca-Cola)	GERMANY	Herten	RINOLALLROUNDER	6.000	1996	Bottling plant
Wyeth Nutritional	CHINA	Shenzen	POLYURETHANE MORTAR	1.000	1996	Baby formula
Xizhou Foods	CHINA	Shantou	RINOLALLROUNDER	1.320	1998	Process area
Yeo Drinks	THAILAND	Bangpakong	RINOLSOLID	2.000	1998	Soya milk production

**RINOL RESIN BASED FLOORS. A SELECTED REFERENCE LIST**  
**HOSPITALS AND CLINICS**

USER	COUNTRY	CITY/STATE	SPECIFICATION	AREA m <sup>2</sup>	YEAR	CONDITIONS
Blood Centre	CHINA	Shanghai	RINOLALLROUNDER	7.000	1999	Treatment and storage areas
Caritas Hospital	GERMANY	Bad Mergentheim	RINOLALLROUNDER / CONDUCTIVE	7.000	1996	Operating theatres, corridors
Childrens' Medical Centre	CHINA	Pudong, Shanghai	RINOLALLROUNDER	3.000	1999	Treatment areas
Clinic Aachen	GERMANY	Aachen	RINOLALLROUNDER	12.000	1980	Wards, operating theatres and laboratories
Clinic Aschaffenburg	GERMANY	Aschaffenburg	RINOLALLROUNDER	44.000	1988	Wards, operating theatres and laboratories
Clinic Großhadern	GERMANY	Großhadern-München	RINOLCONDUCTIVE	6.000	1969-96	Wards, operating theatres and laboratories
Clinic Lübbecke	GERMANY	Lübbecke	RINOLALLROUNDER	14.000	1993	Hospital wards and corridors
Clinic Nürnberg II Süd	GERMANY	Nürnberg	RINOLALLROUNDER / EXQUISIT / CONDUCTIVE	80.000	1993-96	Wards, operating theatres and laboratories
Clinic Nürnberg-Nord	GERMANY	Nürnberg	RINOLALLROUNDER	400	1993	Hospital waste area
Clinic Rechts der Isar	GERMANY	München	RINOLCONDUCTIVE	2.165	1986-92	Hospital nuclear and radiation therapy wards
Comylea	SPAIN	Various locations	RINOLALLROUNDER	13.300	1993-98	Wards, corridors and public areas
Dessau-Tornau Vaccine Centre	GERMANY	Roßlau	RINOLALLROUNDER	3.000	1994-96	Vaccine manufacture
District Hospital	GERMANY	Agatharied	RINOLDESIGN / CONDUCTIVE	2.200	1998	Operating theatres , corridors, waiting rooms
District Hospital	GERMANY	Detmold	RINOLALLROUNDER	555	1980-96	Hospital wards
District Hospital	GERMANY	Kempten	RINOLALLROUNDER	1.500	1978	Hospital wards
District Hospital	GERMANY	Kirchberg	RINOLALLROUNDER	500	1996	Hospital wards
District Hospital	GERMANY	Künzelsau	RINOLALLROUNDER	2.180	1977-79	Hospital wards
District Hospital Höchstadt	GERMANY	Aisch	RINOLCONDUCTIVE	560	1995	Hospital operating theatre
District Hospital Starnberg	GERMANY	Starnberg	RINOLCONDUCTIVE	700	1994	Hospital operating theatre
Dr. Horst-Schmidt-Clinic	GERMANY	Wiesbaden	RINOL SOLID / EXQUISIT / CONDUCTIVE	8.000	1992-96	Kitchen, stores, operating theatres
El Eini University Hospital	EGYPT	Cairo	RINOLCONDUCTIVE	325	1987	Operating theatre
Frankfurt Heart Centre	GERMANY	Frankfurt am Main	RINOLCONDUCTIVE	2.700	1993-94	Operating theatres
General Hospital	AUSTRIA	Wien	RINOLCONDUCTIVE	20.000	1988-96	Operating theatres, corridors, waiting rooms
General Hospital	GERMANY	Aachen	RINOLALLROUNDER	120.000	1992-96	Wards, isotope laboratory and corridors.G286
General Hospital	GREECE	Livadia	RINOLCONDUCTIVE	1.700	1993-94	Operating theatres
German Heart Centre	GERMANY	München	RINOLCONDUCTIVE	550	1996	Operating theatre for heart surgery
Gilead Hospital	GERMANY	Bielefeld	RINOLALLROUNDER	2.000	1977-95	Hospital wards
Hospital Wermelskirchen	GERMANY	Wermelskirchen	RINOLALLROUNDER	2.500	1982-83	Hospital wards
Kuwait Military Hospital	KUWAIT	Kuwait	RINOLCONDUCTIVE	600	1989	Operating theatres
Kuwait Safat Medical Cold Store	KUWAIT	Safat	RINOLCONDUCTIVE	1.785	1983	Store
Max-Planck-Institute for Brain Research	GERMANY	Frankfurt am Main	RINOLCONDUCTIVE	4.250	1993	Medical institute
SMZ-Ost	AUSTRIA	Wien	RINOLCONDUCTIVE	5.000	1992-96	Operating theatres, corridors, waiting rooms
Uniclinic	GERMANY	Gießen	RINOLEXQUISIT	4.500	1990-93	Reception areas
Uniclinic	GERMANY	Heidelberg	RINOLALLROUNDER	8.000	1995-96	Laboratories

## RINOL RESIN BASED FLOORS. A SELECTED REFERENCE LIST

### MUNICIPAL, COMMERCIAL AND INSTITUTIONAL BUILDINGS.

USER	COUNTRY	CITY/STATE	SPECIFICATION	AREA m <sup>2</sup>	YEAR	CONDITIONS
Albkaserne Stetten am kalten Markt	GERMANY	Stetten	RINOL <i>SOLID</i>	2.500	1995	Kitchen in military base
B & Q	CHINA	Shanghai	RINOL <i>STANDARD / ALLROUNDER</i>	1.300	1999	DIY store
German Army	GERMANY	Roth	RINOL <i>ALLROUNDER</i>	2.240	1989/90	Military barracks
German Army	GERMANY	Meßstetten-Ebingen	RINOL <i>ALLROUNDER</i>	245	1994	Military store (WHG)
German Army	GERMANY	Oschenberg	RINOL <i>CONDUCTIVE</i>	225	1991	Military store (WHG)
German Army Hospital	GERMANY	Hamburg	RINOL <i>ALLROUNDER</i>	590	1994/95	Military hospital
German Army Hospital	GERMANY	Osnabrück	RINOL <i>ALLROUNDER</i>	170	1990	Military hospital
Design-Center	AUSTRIA	Linz	RINOL <i>EXQUISIT / SEALING</i>	12.600	1994	Exhibition area, store, technical rooms
Deutsche Bibliothek	GERMANY	Frankfurt am Main	RINOL <i>ALLROUNDER</i>	20.000	1996	Library
EDEKA-Markt	GERMANY	Heppenheim	RINOL <i>ALLROUNDER</i>	4.000	1995	Supermarket
EDEKA-Markt	GERMANY	Amberg	RINOL <i>ALLROUNDER</i>	250	1992	Supermarket
EDEKA-Markt	GERMANY	Auma	RINOL <i>ALLROUNDER</i>	600	1991	Supermarket
EDEKA-Markt	GERMANY	Burkhardtsdorf	RINOL <i>ALLROUNDER</i>	600	1991	Supermarket
EDEKA-Markt	GERMANY	Chemnitz	RINOL <i>ALLROUNDER</i>	400	1991	Supermarket
EDEKA-Markt	GERMANY	Hohenstein	RINOL <i>ALLROUNDER</i>	600	1991	Supermarket
EDEKA-Markt	GERMANY	Langenbernsdorf	RINOL <i>ALLROUNDER</i>	800	1992	Supermarket
EDEKA-Markt	GERMANY	Lößnitz	RINOL <i>ALLROUNDER</i>	300	1991	Supermarket
EDEKA-Markt	GERMANY	Marktredwitz	RINOL <i>ALLROUNDER</i>	180	1991	Supermarket
EDEKA-Markt	GERMANY	Münchberg	RINOL <i>ALLROUNDER</i>	300	1992	Supermarket
EDEKA-Markt	GERMANY	Naumburg	RINOL <i>ALLROUNDER</i>	3.600	1992	Supermarket
EDEKA-Markt	GERMANY	Pößneck	RINOL <i>ALLROUNDER</i>	1.300	1991	Supermarket
EDEKA-Markt	GERMANY	Rodewisch	RINOL <i>ALLROUNDER</i>	300	1991	Supermarket
EDEKA-Markt	GERMANY	Schlettau	RINOL <i>ALLROUNDER</i>	200	1991	Supermarket
European Laboratory for Molecular Biology	GERMANY	Heidelberg	RINOL <i>ALLROUNDER</i>	4.500	1977	Laboratories
Finanzamt Amberg	GERMANY	Amberg	RINOL <i>ALLROUNDER</i>	3.000	1990-91	Public areas
Fraunhofergesellschaft München	GERMANY	München	RINOL <i>ALLROUNDER</i>	2.900	1992/96	Technical centre and clean room
NATO Airport MOB	GERMANY	Geilenkirchen	RINOL <i>HEAVYDUTY</i>	13.000	1982	Hangar
OBI	GERMANY	Nürnberg	RINOL <i>SOLID</i>	8.000	1996	DIY store
Prinz-Leopold Barracks	GERMANY	Regensburg	RINOL <i>ALLROUNDER</i>	1.800	1996	Fuel storage area
SIRIM (National Research Centre)	MALAYSIA	Selangor	<i>POLYURETHANE</i> MORTAR	1.410	1998	Testing laboratories
WRA Services	MALAYSIA	Kuala Lumpur	<i>POLYURETHANE</i> MORTAR	150	1999	University laboratory

## RINOL RESIN BASED FLOORS. A SELECTED REFERENCE LIST

### TRANSPORT AND WAREHOUSING

USER	COUNTRY	CITY/STATE	SPECIFICATION	AREA m <sup>2</sup>	YEAR	CONDITIONS
Aero-Dienst	GERMANY	Nürnberg	RINOLALLROUNDER	800	1986	Storage area
Airod	MALAYSIA	Selangor	POLYURETHANE MORTAR	390	1998	Apron tarmac
Airport München II	GERMANY	München	RINOLALLROUNDER	12.000	1995	Multi-storey car park
Aldi	CZECH REP.	Praha	RINOLALLROUNDER	20.000	1997	Warehouse
Alwin H.J. Mühlmeier Import-Export	GERMANY	Bärnau	RINOLALLROUNDER	1.200	1992	Warehouse
ARGE Tiefgarage Jenoptik, Dyckerhoff & Widmann	GERMANY	Jena	RINOLALLROUNDER	8.500	1995	Underground car park
ARWAG Zentrum Muthgasse	AUSTRIA	Wien	RINOLALLROUNDER	30.000	1996/97	Underground car park
Bau- und Technologiezentrum	GERMANY	Dresden	RINOLALLROUNDER	5.000	1993	Underground car park
Bayerische Staatskanzlei	GERMANY	München	RINOLALLROUNDER	4.500	1995	Underground car park
Bethesda-Krankenhaus	GERMANY	Stuttgart	RINOLALLROUNDER	2.000	1994	Underground car park
BHG-Hagebaumarkt Baumaterialien AG	GERMANY	Bayreuth	RINOLALLROUNDER	1.400	1990	Warehouse
City Ansbach	GERMANY	Ansbach	RINOLALLROUNDER	2.000	1992	Underground car park
City Bamberg	GERMANY	Bamberg	RINOLALLROUNDER	11.500	1993	Multi-storey car park
City Kulmbach	GERMANY	Kulmbach	RINOLALLROUNDER	6.000	1994	Multi-storey car park
City Landau	GERMANY	Landau	RINOLALLROUNDER	2.500	1983	Underground car park
City München, Bavarian State Parliament	GERMANY	München	RINOLALLROUNDER	8.300	1993	Underground car park
City Trier	GERMANY	Trier	RINOLALLROUNDER	11.500	1993	Multi-storey car park
Clinic Augsburg	GERMANY	Augsburg	RINOLALLROUNDER	28.000	1992	Underground car park
Clinic Lübeck	GERMANY	Lübeck	RINOLALLROUNDER	8.000	1993	Underground car park
Delta Montagens Industriais	BRAZIL	Júndiaí	RINOLSEALING	1.370	1997	Warehouse
Deutsche Bundesbahn - ICE-Betriebswerk	GERMANY	Hamburg-Harburg	RINOLCONDUCTIVE	80.000	1990	FTS and air cushion vehicles
Deutsche Bundesbahn - ICE-Betriebswerk	GERMANY	München	RINOLCONDUCTIVE	25.000	1994-95	FTS and air cushion vehicles
Dimerco	CHINA	Shanghai	RINOLALLROUNDER	2.000	1999	Logistics area
EZA-Großmarkt	GERMANY	Fellbach	RINOLALLROUNDER	4.100	1985	Underground car park
Hochtief AG, Zentrallager Braun	GERMANY	Altfeld	RINOLALLROUNDER	6.300	1993	Warehouse
HUK-Coburg	GERMANY	Coburg	RINOLALLROUNDER	6.000	1990	Multi-storey car park
International Airport	BRUNEI	Brunei	RINOLALLROUNDER	23.000	1995-96	Hangar
Karstadt	GERMANY	Essen	RINOLALLROUNDER	25.000	1993	Warehouse superflat floor
Karstadt	GERMANY	Unna	RINOL SOLID / ALLROUNDER / CONDUCTIVE	170.000	1988-89	Warehouse superflat floor
Katoen Natie Sembcorp (Thailand)	THAILAND	Rayong	RINOL SOLID	400	1999	Petrochemical distribution
Kaufhaus WEKA	GERMANY	Naila	RINOLALLROUNDER	2.500	1992	Warehouse
Klinikum Weiden	GERMANY	Weiden	RINOLALLROUNDER	6.000	1992	Multi-storey car park
Landratsamt Regensburg	GERMANY	Regensburg	RINOLALLROUNDER	2.000	1994	Multi-storey car park
Lucent	CHINA	Shanghai	RINOLALLROUNDER	2.000	1999	Logistics area
Malaysia Airline System	MALAYSIA	Selangor	POLYURETHANE MORTAR	5.720	1998-99	Hangar, contact pier and service areas
Metro	CHINA	Shanghai	RINOLALLROUNDER	200	1999	Logistics area
Metro	CHINA	Wuxi	RINOLALLROUNDER	200	1999	Logistics area
Nationalbank Vienna	AUSTRIA	Wien	RINOLALLROUNDER	12.000	1997	Underground car park
Opel Car Centre.	SINGAPORE	Ubi	RINOL SOLID	3.600	1996	Service workshop
Quelle Schickedanz	GERMANY	Nürnberg	RINOLALLROUNDER	23.000	1992	Warehouse
Siemens Nixdorf	GERMANY	Nürnberg	RINOLALLROUNDER	2.000	1983	Multi-storey car park
Spedition Rentschler	GERMANY	Altensteig	RINOL STANDARD	44.316	1987	Warehouse
TAM - Transportes Aéreos Regionais	BRAZIL	São Paulo	RINOL SAFETY / STANDARD / ALLROUNDER / SEALING	2.950	1995-96	Service areas
UE Construction	MALAYSIA	Selangor	POLYURETHANE MORTAR	130	1999	Light rail sub-station
Wohnbau	GERMANY	Coburg	RINOLALLROUNDER	17.000	1992	Multi-storey car park

## RINOL RESIN BASED FLOORS. A SELECTED REFERENCE LIST

### OTHER INDUSTRIES

USER	COUNTRY	CITY/STATE	SPECIFICATION	AREA m <sup>2</sup>	YEAR	CONDITIONS
Abuplast	GERMANY	Rödental	RINOL <i>ALLROUNDER</i>	5.000	1995-96	Plastic moulding
Adere Produtos Auto Adesivos	BRAZIL	Campinas	RINOL <i>SEALING / STANDARD / ALLROUNDER</i>	4.010	1996-97	Adhesive manufacture
Allpack Liquipack	GERMANY	Waiblingen	RINOL <i>CONDUCTIVE / ALLROUNDER</i>	1.380	1988-90	Production of packaging for the food industry
Alusuisse-Lonza do Brasil	BRAZIL	Diadema	RINOL <i>SOLID / SEALING</i>	1.700	1997-98	Plastics processing
Bayerische Zellstoffwerke	GERMANY	Kehlheim	RINOL <i>ALLROUNDER</i>	3.170	1992	Cellulose production
BB Containers	THAILAND	Samutsakorn	RINOL <i>ALLROUNDER</i>	300	1998	Paper and card containers
Celpav Celulose e Papel	BRAZIL	Piracicaba	RINOL <i>SOLID / SEALING</i>	1.450	1999	Paper making
Cermatex Indústria de Tecido	BRAZIL	Santa Barbara D'Oeste	RINOL <i>SAFETY</i>	1.780	1997-2000	Textiles
Cia Votorantim de Celulose Papel - Celpav Unid IPP	BRAZIL	Piracicaba	RINOL <i>SOLID</i>	400	1996-97	Paper making
E-Gat Khlong Ngae converter station	THAILAND	Songkhla	RINOL <i>SOLID</i>	700	1999	Electrical sub-station
Europrint	BELGIUM	Muscron	RINOL <i>ALLROUNDER</i>	3.000	1994	Printing works
Faber Castell GmbH & Co.	GERMANY	Stein	RINOL <i>ALLROUNDER</i>	2.000	1997	Pencil manufacture
GEC Lighting	MALAYSIA	Selangor	RINOL <i>SOLID</i>	160	1994	Production area
Gerresheimer Glas	GERMANY	Düsseldorf	RINOL <i>ALLROUNDER</i>	2.000	1997	Glass production
Haindl Papier	GERMANY	Dortmund-Walsum	RINOL <i>STANDARD</i>	1.923	1990	Paper manufacture
Haindl Papier	GERMANY	Schongau	RINOL <i>STANDARD</i>	10.030	1989	Paper manufacture
Industry Kotakkayu	MALAYSIA	Johor	RINOL <i>SEALING</i>	1.900	1992	Plywood manufacture
Kajang Paper Mills	MALAYSIA	Selangor	RINOL <i>STANDARD</i>	1.100	1994	Pulp and paper plant
Kian Joo Packaging	MALAYSIA	Selangor	RINOL <i>SEALING</i>	2.400	1992	Can manufacture
Kimberly - Clark Kenko Ind. e Com	BRAZIL	Suzano	RINOL <i>SEALING / STANDARD / ALLROUNDER / SAFETY</i>	7.570	1996-2000	Paper making
Kimberly - Clark Kenko Ind. e Com	BRAZIL	Eldorado do Sul	RINOL <i>SEALING / SOLID</i>	3.030	2000	Paper making
Kurt H. Schumacher Wellpappenwerk	GERMANY	Ebersdorf	RINOL <i>ALLROUNDER</i>	11.000	1992	Wallpaper manufacture
Ludwig Beck Textilhaus Feldmeier	GERMANY	München	RINOL <i>EXQUISIT</i>	1.146	1988	Textile and leather production
Malaysia Can Company	MALAYSIA	Selangor	RINOL <i>SOLID</i>	100	1993	Can manufacture
Medigloves	THAILAND	Phatum Thani	RINOL <i>STANDARD</i>	2.000	1999	Rubber glove manufacture
Moulin Optical	CHINA	Shantou	RINOL <i>ALLROUNDER</i>	3.000	1997	Optical equipment
Multi-Pet	MALAYSIA	Selangor	RINOL <i>SOLID</i>	100	1994	Plastics factory
Multivac Sepp Haggemüller KG	GERMANY	Wolfertschwenden	RINOL <i>HEAVYDUTY / SOLID</i>	13.221	1995	Packaging for the food industry
Nanyang Tobacco	CHINA	Hong Kong	<i>POLYURETHANE MORTAR</i>	12.000	1997	Cigarette factory
Nihon Canpack	MALAYSIA	Perak	<i>POLYURETHANE MORTAR</i>	770	1997	Can manufacture
North Malaya Paper Mills	MALAYSIA	Penang	RINOL <i>SOLID</i>	1.700	1992-96	Paper production
Nylex H-C Closures (Malaysia)	MALAYSIA	Selangor	RINOL <i>SEALING</i>	680	1993	Plastics packaging
Papierfabrik Biberist Bibernova	SWITZERLAND	Bibernove	RINOL <i>HEAVYDUTY</i>	6.250	1991	Paper production
Pilecon Building Construction	MALAYSIA	Selangor	RINOL <i>SOLID</i>	2.100	1994	Workshop
Plas-Pack Industry	THAILAND	Bangkok	RINOL <i>ALLROUNDER</i>	250	1999	Plastic packaging
Saarbrücker Zeitung	GERMANY	Saarbrücken	RINOL <i>CONDUCTIVE</i>	5.044	1984	Newspaper printing works
SME Ordnance	MALAYSIA	Selangor	<i>POLYURETHANE MORTAR</i>	130	1999	Production of bullets
Teck Wah Paper Products	SINGAPORE	Pandan Crescent	RINOL <i>SEALING</i>	20.000	1998	Paper production
Vinythai	THAILAND	Rayong	RINOL <i>SOLID</i>	700	1999	Electrical sub-station
W. Günter Druckerei	GERMANY	Bamberg	RINOL <i>ALLROUNDER</i>	8.424	1995/96	Printing works

