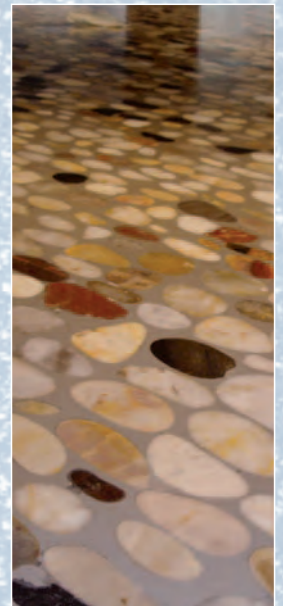


References

Flooring Systems



In many cases the floor is the most stressed component of modern facilities. Thereby the impact is as versatile as the different industries are, e.g. pharmaceutical, nutrition, energy, electronic or automotive industry just to name some of them. Often combinations of chemical, mechanical and thermal load affect the floor in ranges that cannot be compensated by cement based or concrete materials. Often additional requirements as conductivity, anti-skid, cleanability, fast-curing and many more are necessary. This can only be realised by durable industrial flooring systems which can guarantee a save and cost-effective operation without interruptions.

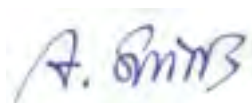
Today there is a clear tendency that just functional is not enough. Expectations increase in many fields of our daily life and exactly that is reflected in demanding flooring systems with both technical suitable but also with a well designed optical impression. Beside the functionality, aspects like corporate identity, positive appearance and aesthetic requirements become more and more interesting. The solution is a combination of proved technique and trendsetting aesthetics.

The brochure contains a selection of projects which demonstrate the wide field of application of MC flooring systems. Whether you wish to protect, refurbish or enhance value of your facility, MC can offer the appropriate flooring materials and systems due to a permanent improvement and development.

Nevertheless MC is convinced that even more than over forty years of experience in the field of flooring systems is only one aspect of our success. MC offers highest quality service with a world-wide network of qualified service staff, sales persons and technicians.

MC offers many other additional supporting activities like training on site, training courses, in-house-seminars and the MC-Forum as an excellent place for dialogue of experts. With that MC is today a synonym for confidence and reliability and by that achieved a solid reputation throughout the construction industry.

This brochure is reflecting not only the technical and optical opportunities of MC flooring systems but rather the cross-border activities of MC on a European level. To emphasize this and further support you is the objective of this brochure. With our in-depth knowledge and expertise you can be sure that we are the right partner for your flooring project – all over Europe.

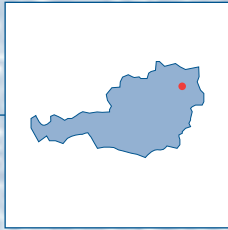


Anja Spirres
Head of Division



Dr. Peer Heine
Senior Product Manager
Flooring Systems





VIENNA, AUSTRIA

Henkel Central Eastern Europe GesmbH

Product: MC-Durofloor
MC-DUR 1204

Year: 2006

Project information: Directly in the center of Vienna Henkel as one of the major pharmaceutical companies is producing liquid washing gel. For visits of Henkel's customers and the very high asthetical demands in the pharmaceutical industries a MC-Durofloor system was applied. It comprises the special new transparent sealer MC-DUR 1204 with extraordinary UV-stability to avoid any colour changes in future. The combination of cleanibility, anti-skid properties and fine optical impression is the specific characteristic of this successful flooring system.

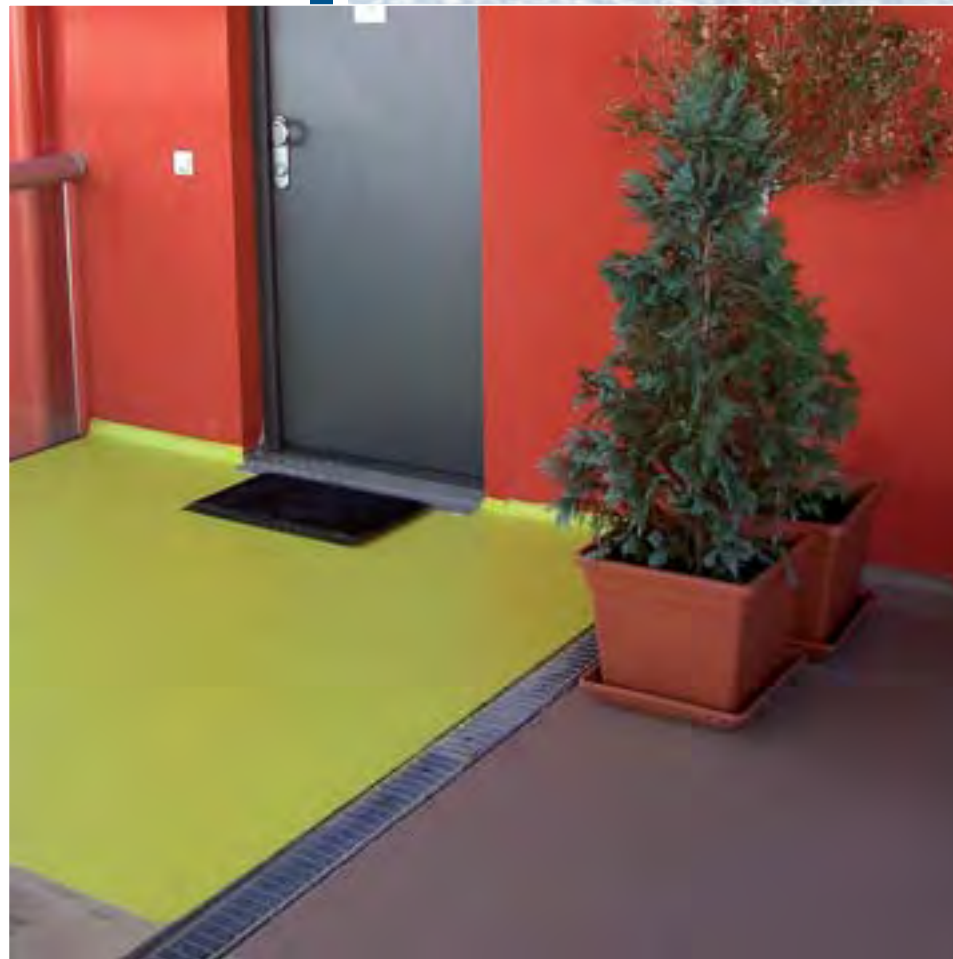
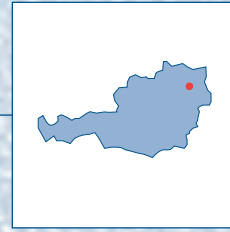


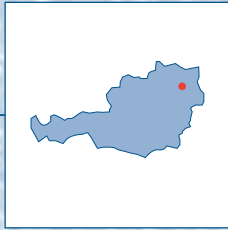
VIENNA, AUSTRIA Condominium

Product: MC-DUR 2095 F

Year: 2008

Project information: The architectural concept of this condominium is to allow the entry by an open access balcony. This whether exposed area and the stairways have been designed in a unique colour concept to distinguish different access levels and the habitations. After some bad experience with yellowing materials MC-DUR 2095 F was applied due to its material qualities.





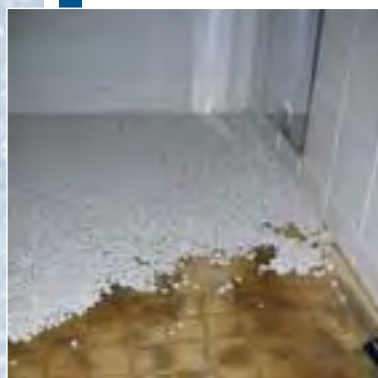
VIENNA, AUSTRIA

Beauty Institute

Product: MC-DUR 1204, Stone Carpet

Year: 2008

Project information: This small beauty institute was planned to be a place to relax and to recover. For that reason the design of the whole beauty institute should be extraordinary including the floor. So first there was applied a special polyurethane resin as a base layer. After that the whole area was covered with a thick layer of a new and innovative MC-DUR 1204. This material is transparent, absolutely UV-resistant and very scratch resistant. With this system built-up walking over the floor creates a feeling of floating over it. In the rest rooms a stone carpet was applied with white gravel and MC-DUR 1204 as a binder material.



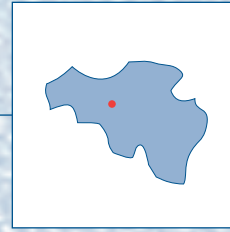
BRUSSELS, BELGIUM

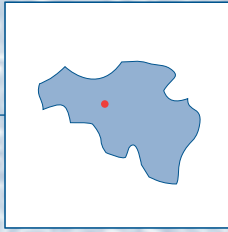
European Parliament, Multi-storey Car Park

Product: MC-DUR 1200

Year: 2000

Project information: Directly in the center of the Belgium capital Brussels and in the heart of the European community this MSCP of the European Parliament was coated to protect chloride ingress into the substrate and to achieve a friendly optical impression.





BRUSSELS, BELGIUM

Travel Agency ClubMed

Product: MC-DUR 1212 VB

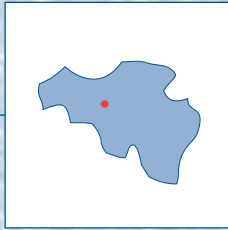
Year: 2008

Project information: In the city centre of Brussels in one of the most noble district between embassies and high-end boutiques ClubMed is situated.

This travel agency offers a special ambience for the customers. The architectural concept creates a holiday feeling by a small cascade and impressions of islands in the sea by a special azur coloured epoxy flooring. The integrated metal strips symbolise the degrees of longitude and latitude.







BRUSSELS, BELGIUM

Bank of New York Mellon

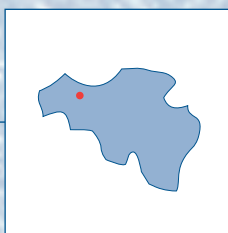
Product: MC-DUR Terrazzo

Year: 2008

Project information: A comprehensive architectural concept was done for this interesting building in the centre of Brussels near the palace. Beside a light and illumination concept and a glass door with a print of the city plan of Brussels also a special flooring system should contribute to the overall impression. MC-DUR Terrazzo was chosen as a highlight for this area. The application was a challenge due to the narrowness of some parts of the area which did not allow the use of bigger grinding machines. Together with the very experienced applicator a detailed grinding and polishing procedure was successfully developed to the satisfaction of the owner.







KLUIZEN/GENT, BELGIUM

Vlaamse Maatschappij

Product: MC-DUR SL

Year: 2008

Project information: During the refurbishment of a waste water plant of the Flemish drinking water supplier a parallel refurbishment of the administration building was discussed. The project was realised with MC-DUR SL in a record-breaking time of 6 hours for the 600m² of 2 mm top coat including a highly aesthetical surface. The customer was delighted about fast return to business and the jointless, nice optical impression, including total UV-stability and an extraordinary easy to clean surface of MC-DUR 2095 M.



SOROCABA/SP, BRAZIL

Case Agriculture

Product: MC-DUR 1212 VB

Year: 2008

Project information: Case is one of the biggest producers of agricultural equipment. For a huge 32,000 m² storehouse a mechanical durable flooring system was necessary. According to brazilian standards a 3 mm epoxy mortar was applied by power floating first. Finally a wear and tear resistant top coat of MC-DUR 1212 VB was applied.





SAO PAULO, BRAZIL

Metro de Itaquera Station

Product: MC-DUR 1212 VB

Year: 2008

Project information: During refurbishment of the Sao Paulo metro also the repair and maintenance facility was coated with the epoxy based resin MC-DUR 1212 VB. First a sample area was tested for several month under operation before several thousand m² was coated in a dark red colour. The joint-free and smooth surface guarantees easy cleaning and long lasting protection.



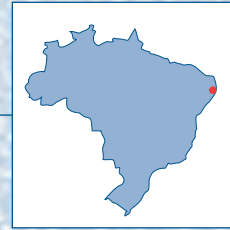
RECIFE, BRAZIL

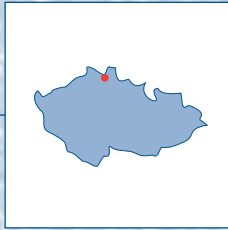
Unilever Brasil Gelados do Nordeste S/A

Product: MC-DUR 1200

Year: 2008

Project information: An extension was planned for this Unilever facility which is producing cosmetics and the client has chosen for this area a screed system of a 3 mm epoxy mortar. The coloured top coat finish divides the different areas according to their intended use accompanied by a high mechanical resistance and easy cleanability.





LIBEREC, CZECH REPUBLIC

Toyota Tsusho Logistics Czech s. r. o.

Product: MC-DUR 1212 VB
MC-DUR 1200 AS

Year: 2005

Project information: For Toyota Tsusho Logistics a conductive coating was applied in the storage areas. On about 2,200 m² a coloured combination of MC-grey and yellow between the high bay racking was applicated.

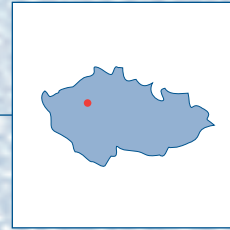


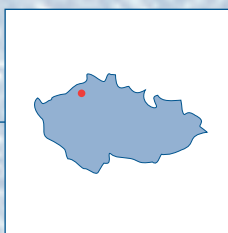
PRAGUE, CZECH REPUBLIC
LINET s. r. o.

Product: MC-DUR 1390 VK
MC-DUR 1212 VB

Year: 2002

Project information: Linet s. r. o. is a czech producer of medical equipment. To increase the capacity a new production facility was built and coated with MC-DUR 1212 VB for a universal use regarding the possibility of later modifications of the utilisation.





LOVOSICE, CZECH REPUBLIC

TR-CZ s. r. o.

Product: MC-DUR 1200

Year: 2002

Project information: TR-CZ is one of the world's largest manufacturers of automotive parts. The purpose is to make sure that a car becomes an extension of human senses, so that people may control their cars better, enjoy their driving more and feel safer and more comfortable while driving.

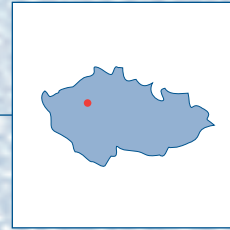


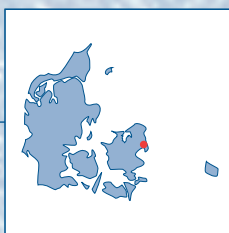
PRAGUE, CZECH REPUBLIC
EPCE Slaný

Product: MC-DUR 1850 ESD

Year: 2002

Project information: The object is a new facility, made of steel with a concrete underground. The investor is producing control units for cars which always contain many sensitive electronical devices and microchips. To guarantee their technical functionality a very high, controlled and reliable conductivity is absolutely necessary so that high-tech MC-DUR 1850 ESD was applicated. It guarantees a safe conductivity of 10^6 ohm, a loading less than 100 V in the so called „walking test“ and meets the requirements of further tests even at a very low relative humidity.





COPENHAGEN, DENMARK

MSCP of the Kastrup Airport

Product: MC-DUR 1103 M
MC-DUR 1212 VB

Year: 2000/2009

Project information: Over 16.000 m² were coated with a coating system open to diffusion in the year 2000 to compensate backward moisture. In 2009 more areas have been refurbished and coated with MC-DUR 1212 VB. Both systems are highly resistant to oils, fuels and other liquids, protect the mineral substrate from chloride ingress and allow unlimited car traffic impact.

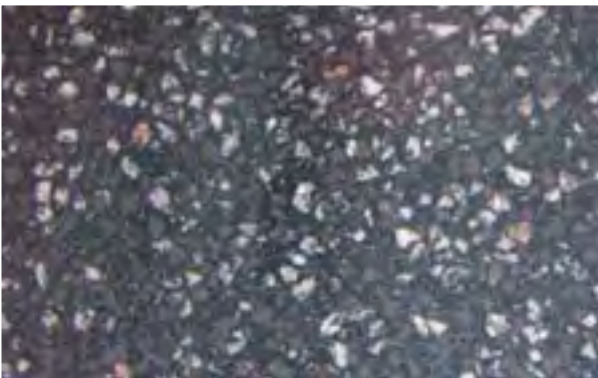
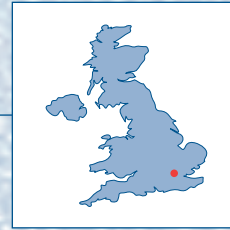


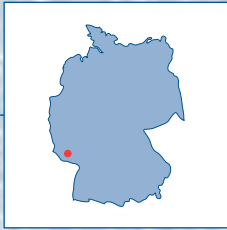
LONDON, ENGLAND
Astra Zeneca

Product: MC-DUR Terrazzo AS

Year: 2006

Project information: The pharmaceutical industry is famous for its high requirements concerning optical and technical aspects. This project was acquired because the Terrazzo system complied with all that demands. Moreover, this system had to be conductive. The combination of high quality terrazzo-system and reliable conductivity is absolutely unique, which in the end was the decisive factor for realisation of the project.





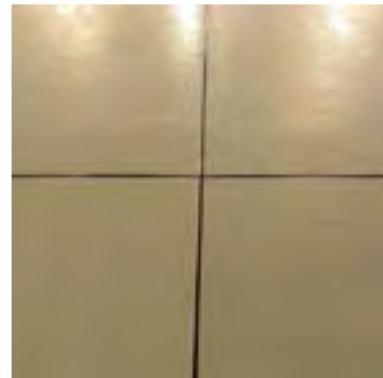
RAMSTEIN, GERMANY

Aircraft Hangar of the U.S. Air Forces

Product: MC-DUR 1800

Year: 2008-2009

Project information: The well known airbase of the U.S. air forces in Ramstein refurbished some major hangars. During this a new conductive flooring was applied to protect the sensitive military equipment from electrostatic discharge impacts which may damage microelectronic devices and other electronics. For safety reasons an additional anti-skid surface was realised by a Silicium-Carbide strewing plus top coat.



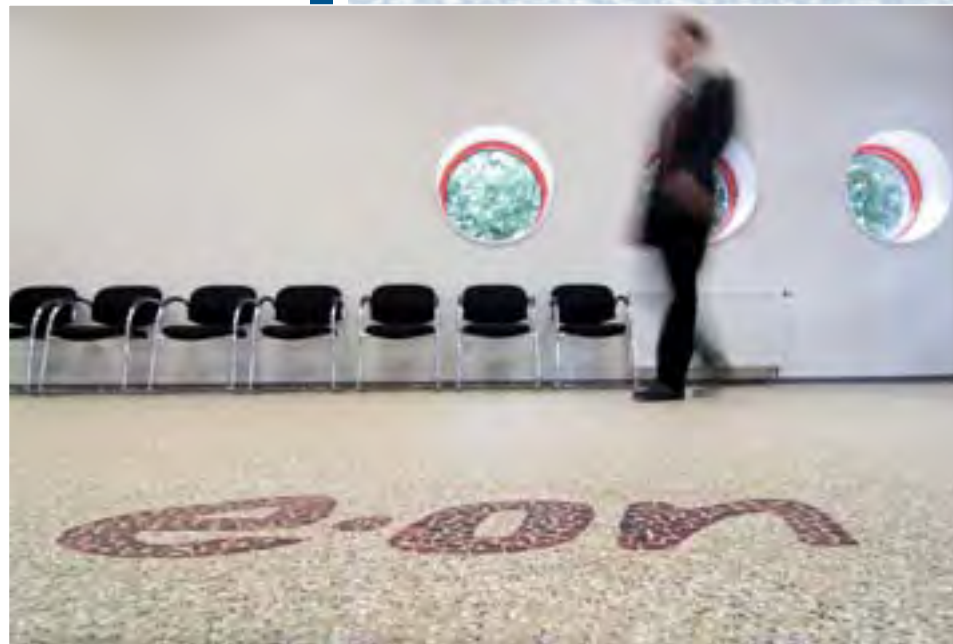
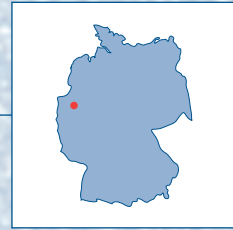
GELSENKIRCHEN, GERMANY

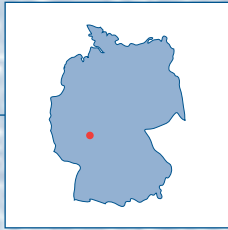
E.ON Power Plant

Product: MC-DUR Terrazzo

Year: 2007

Project information: E.ON as the owner of one of Germany's most powerful coal power plants refurbished the reception area in 2007. As a contrast to the industrial impression of the industrial facility and the huge cooling towers the reception area should reflect the corporate identity and a modern and comfortable impression. So a MC-DUR Terrazzo was applied here in a special colour including two mosaic-like eon logos as a custom-made highlight.





FRANKFURT, GERMANY

Atrium Hoechst

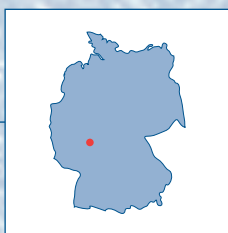
Product: MC-Duroflake

Year: 2008

Project information: This atrium-like area of the major industrial Hoechst facility in Frankfurt is a historical industrial place filled with new life by offices and administration with a free space in between which was planned to use for exhibitions, events or similar. For that a nice looking MC-Duroflake was applied in two different colours on a solid epoxy mortar screed in a perfect and structured way of working. The owner paid special attention to the healthiness of the systems and demanded physiological harmlessness, REACH-assessed and low emission products.







FRANKFURT, GERMANY

LSG Sky Chefs GmbH

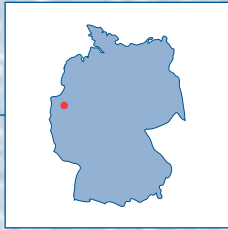
Product: MC-Durofloor
MC-DUR HTR

Year: 2005

Project information: LSG Sky Chefs GmbH is the world greatest airline-caterer and MC-Bauchemie has coated different kitchen-ares for LSG. In the food industry – next to quality – hygienic is very important, so its necessary to have a floor, that is easy to clean, resistant to different media and that is also optically appealing.







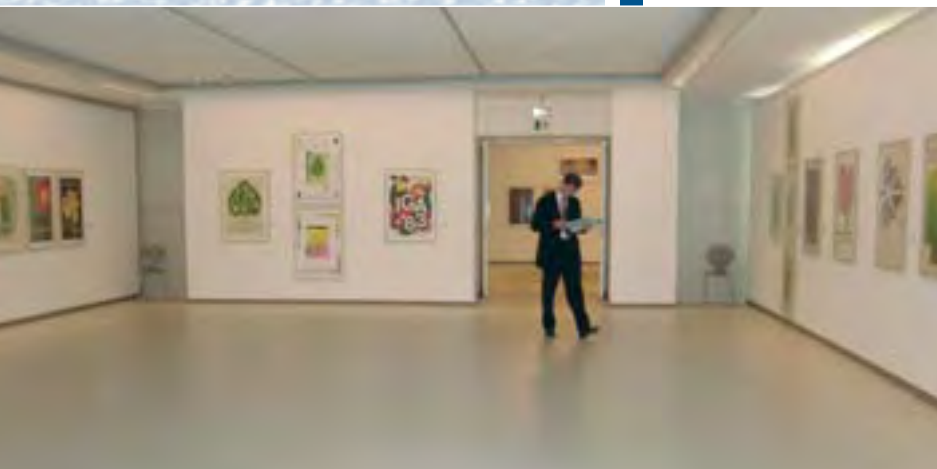
OBERHAUSEN, GERMANY

Castle of Oberhausen

Product: MC-DUR 2052 UVB
MC-DUR 2095 M

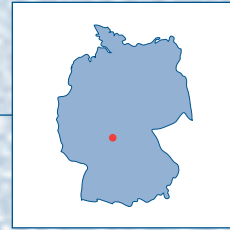
Year: 2005

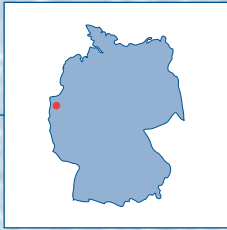
Project information: This object in the castle in Oberhausen started with many problems because the applicator did some mistakes in substrate preparation, mixing ratio and material application. After the system seemed to be wrecked it was overworked completely with the first usage of MC-DUR 2052 UVB and 2095 M. The light grey, matt, even floor looks tremendous in connection with all the different exhibitions and the nice building and was a big success in the end.



LOHR AM MAIN, GERMANY
Bosch-Rexroth

Product: MC-DUR 1850 ESD
Year: 2005
Project information: Electrostatic protected areas (EPA) are areas with several extraordinary high requirements to conductivity in order to protect sensitive electronic devices, microchips or automotive units. Therefore special flooring systems are inevitable to avoid an electro-static-discharge (ESD). MC-DUR 1850 ESD is the leading product in this special field of application. Together with many supporting tools like handheld-dispenser and earthing-kit and moreover in-depth technological knowledge and high-end measuring equipment MC offers premium solutions.





MOERS, GERMANY

Bührmann Weine GmbH

Product: MC-Duroflake

Year: 2002

Project information: Bührmann Weine GmbH is the largest wine specialist in NRW. Exclusive wines are imported and sold into the whole world. This exclusiveness is supported by the optically appealing flooring system of MC-Duroflake.



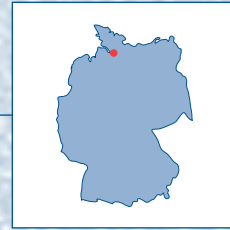
HAMBURG, GERMANY

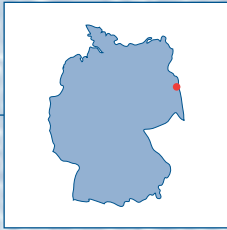
Deutsche Bahn AG

Product: MC-FLEX 2098

Year: 2004

Project information: 2500 m² were coated with MC-FLEX 2098 which is a crack-bridging, chemically resistant polyurethane-resin. MC-FLEX 2098 was used as floor- and wallcoating.





EISENHÜTTENSTADT, GERMANY

EKO-Stahl GmbH

Product: MC-FLEX 2098
MC-FLEX 2097

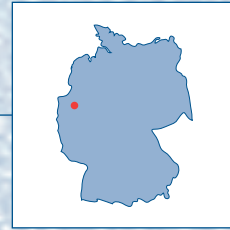
Year: 2008

Project information: After 35 years of use the concrete of the waste water treatment basin was totally damaged and contaminated with oil residues. A refurbishment of the structure had been possible only with major efforts and costs so it was decided to apply a MC-FLEX coating on geotextile. The geotextile is fixed by rivets into the existing concrete structure. After that MC-FLEX is applied by spraying in vertical areas and horizontal areas. Many engineered details were necessary for this structure which were delivered as service by MC, e.g. the use of a special high-tech water-repellent sand for best bonding properties of the coating, or a special drainage system for intruded ground water behind the geotextile.



ESSEN, GERMANY

Production of Silicone Emulsion of Evonik Goldschmidt GmbH

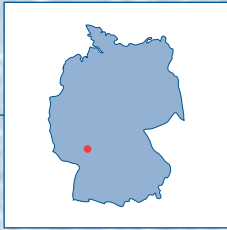


Product: MC-DUR 2500 KS-AS

Year: 2008

Project information: The loading stressing the floor is a combination of frequent wheel loadings by forklifts and pallet trucks, occasional impact by falling down hose fitting and hand tools and thermal loading by the cleaning process. The cleaning is performed by hot water jetting with rotating nozzles to remove all residues of the production process. Due to the fact that some of the intermediates as well as the final products have a low flame point the screed system has to provide anti-static properties in order to protect against static discharges as a source of ignition in an explosive atmosphere.





WEINHEIM, GERMANY

Freudenberg Service KG

Product: MC-Durofloor

Year: 2002-2003

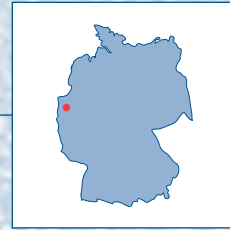
Project information: At the Freudenberg Service KG MC-Bauchemie has coated different kitchen-areas. Especially the necessity to obtain an insensible and hygienic floor was the reason to apply MC-Durofloor.

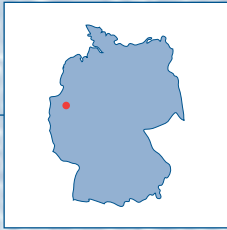


DÜSSELDORF, GERMANY

Jet Aviation

Product: MC-DUR 1900
Year: 2005
Project information: Jet Aviation is a leading global aircraft service company. MC-Bauchemie got in 2005 the order for a conductive coating. The big challenge have been the big concrete slabs concerning in the joints. Here the MC support tools have been a big benefit for that project.





ESSEN, GERMANY

Bio-Supermarket

Product: MC-Duroflake
MC-DUR 1205

Year: 2005

Project information: The customer wanted to create a friendly atmosphere in his shop. This was achieved amongst other things by an optically appealing impression of the floor.



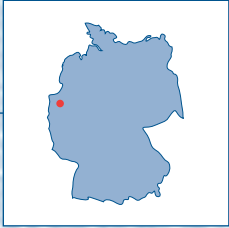
DUISBURG, GERMANY

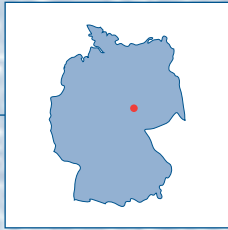
MSV Arena

Product: MC-DUR 1200
MC-Durofloor

Year: 2005

Project information: The MSV Arena, a football stadion, was built in 2004. Catering and kitchen areas were coated with MC-DUR 1200 and MC-Durofloor to connect mechanical strength with decorative elements.





MARKKLEEBERG, GERMANY

Reca Norm GmbH & Co. KG

Product: MC-DUR 1252

Year: 2004

Project information: Reca Norm is a supplier for manufacturer and industry. 500 m² were coated with MC-DUR 1252 as top coating, with its good abrasive-resistance more than suitable for this shop.



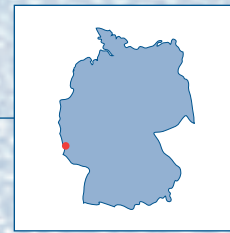
TRIER, GERMANY

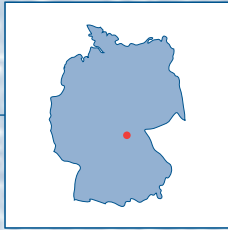
Underground Car Park

Product: MC-DUR 1252

Year: 2008

Project information: Directly in the center of Trier this underground car park is of major importance for the city trade and commerce and ensures a near and comfortable access. Due to the fact that underground car parks and MSCPs in general are treated today as an important economic factor (both for the operator and the city economy) it got a new fresh friendly look including important technical aspects like protection of the concrete structure.





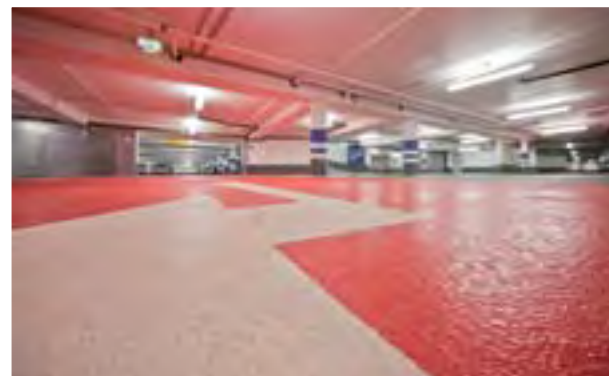
BAMBERG, GERMANY

Underground Car Park Georgendamm

Product: MC-DUR 1252

Year: 2008

Project information: Because this underground car park was in a very bad condition a comprehensive refurbishment was initiated, including different actions from injections to concrete repair, joint technology and floorings. The flooring systems was intended to protect the concrete from chloride ingress and by that the reinforcement from corrosion. Moreover a defined roughness was demanded for anti-slip properties. In addition the friendly and colourful look of this underground car park will attract more customers as a positive economic effect.



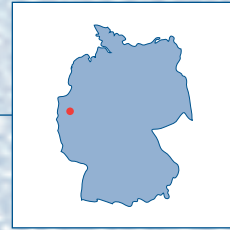
WUPPERTAL, GERMANY

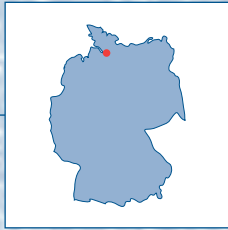
MSCP of the University of Wuppertal

Product: MC-DUR 1200 VK

Year: 2008-2009

Project information: Many buildings of the new universities rapidly established in Germany during the seventies have to be refurbished today due to heavy damages of the concrete structures. One of them is the MSCP of the university of Wuppertal. The concrete of all three major MSCPs shall be long-term protected against water and salt penetration. Despite existing mandatory systems demanded by regulations the owner decided to apply a several millimeter thick epoxy screed including a black aggregate strewing and transparent top sealer for best wear and tear resistance properties.





HAMBURG, GERMANY

Showroom Müllerklein

Product: MC-DUR 2095 F

Year: 2007

Project information: The well known industrial design photographer Anke Müllerklein realised this showroom in Hamburg for the purpose of presentations, exhibition and gallery. Every detail was planned and executed with a maximum accuracy to create an overall architectural concept including Feng-Shui for the whole area. Accordingly the requirements for the flooring systems had been very high. The necessary properties for this white flooring have been easy-to-clean, good grip without visible roughness and of course UV stability for a long-lasting brilliant visual impression.



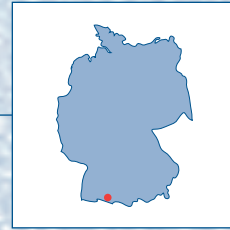
WANGEN / ALLGÄU, GERMANY

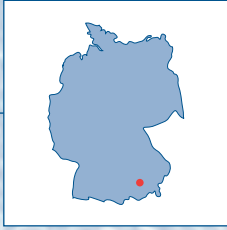
Organic Cheese Dairy Zurwies

Product: MC-DuroFloor
MC-DUR 2500 RS
MC-DUR 2095 F

Year: 2008-2009

Project information: In this cheese dairy raw materials only from eco-agricultural farms are used and processed to create extraordinary cheese products for healthy and tasty indulgence. As a part of strict quality control all substrates have been coated. The coating systems have been adjusted to the different impacts which vary strongly between storage and delivery areas, processing and ripening areas, packaging and distribution areas.





MUNICH, GERMANY

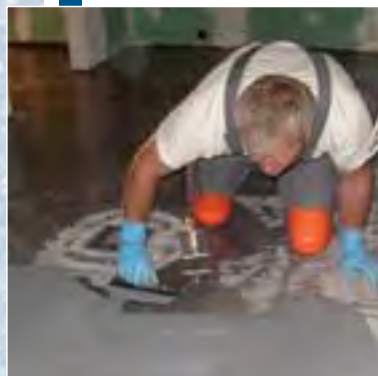
Pressehaus München / Media House Munich

Product: MC-DUR SL

Year: 2008

Project information: Most of the media covering Bavaria is situated in the “media house” in the city of Munich near the main station. In 2008 a common party- and event location was planned on a 550 m² basement area. The site was under time pressure and a very aesthetic floor was demanded, therefore MC-DUR SL was applied.

The flooring with a nicely textured, structured and mat surface impression was applied in just one day. A special technology with a modified matting agent was realised in the catering area to guarantee anti-skid properties. In connection with an overall concept including a stage best requirements for successful parties have been realised.

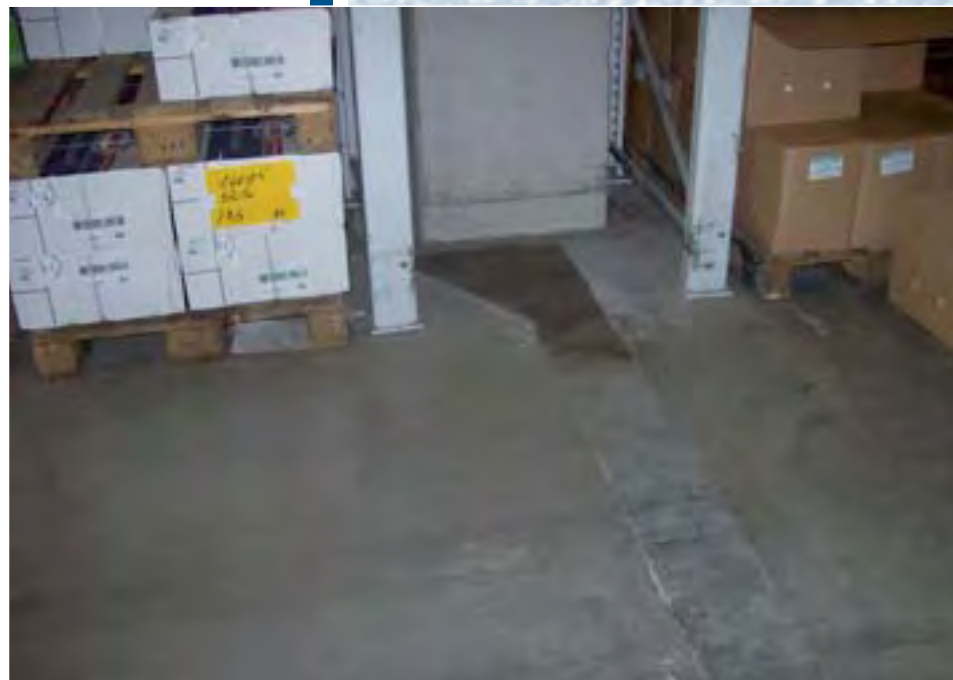
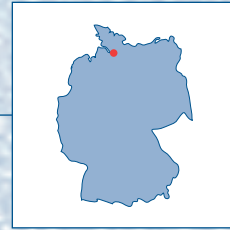


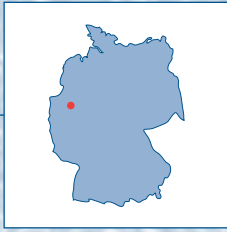
STELLE / HAMBURG, GERMANY
REWE Deep-freeze
Cold Store

Product: MC-DUR 3500 KH

Year: 2008

Project information: The goal was to improve the flooring at this deep-freeze cold store of REWE Deutscher Supermarkt KGaA in Stelle to ensure safety during operations. Different gaps and holes in the mineral screed have been fixed after a refurbishment of the structure. MC-DUR 3500 KH is the ideal solution, it was designed to react and harden under deep-freeze cold store conditions of -18 to -28 °C. Smooth surfaces after repair works with MC-DUR 3500 KH also extend the life-time of transport vehicles strongly. In addition the material has a neutral odour and does not contaminate food by release of critical acrylic substances.





DORTMUND, GERMANY

Thyssen Krupp Steel AG

Product: MC-DUR 1212 VB
Year: 2001
Project information: 30,000 m² have been coated in this architectural award-winning galvanic plant. The same facility was later built in China a second time.



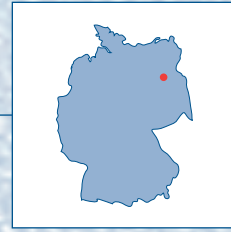
BERLIN, GERMANY

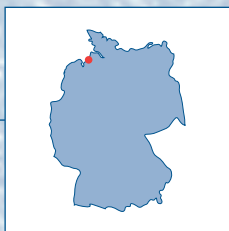
TV-Studio „Maischberger“

Product: Product: MC-DUR 2052 UVB

Year: 2005

Project information: „Maischberger“ is a weekly, very popular political magazine in Germany, and it has been a very special experience for MC-Bauchemie to get in this business. There have been lots of requirements in this case, first one was an absolutely even floor, to have a trouble-free cameradrive. Furthermore the colour has to correspond to the „Maischberger“-studiodesign and may not bleach and dazzle.





NORDENHAM, GERMANY

Xstrata Zinc GmbH

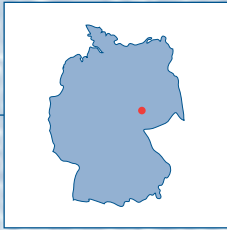
Product: MC-DUR 1044 HB
MC-DUR 1800 VK
MC-DUR 1177 WV-A

Year: 2007

Project information: This important zinc processing plant refurbished the "Bäderhalle". The requirements have been tremendous: Very aggressive media and a very short time frame made things complicated. Beside extensive concrete repair and substrate preparation many detail and special solutions with elaborate and accelerated system build-ups had to be developed, e.g. highly chemical resistant gullies and many areas according to the German water treatment act (WHG).







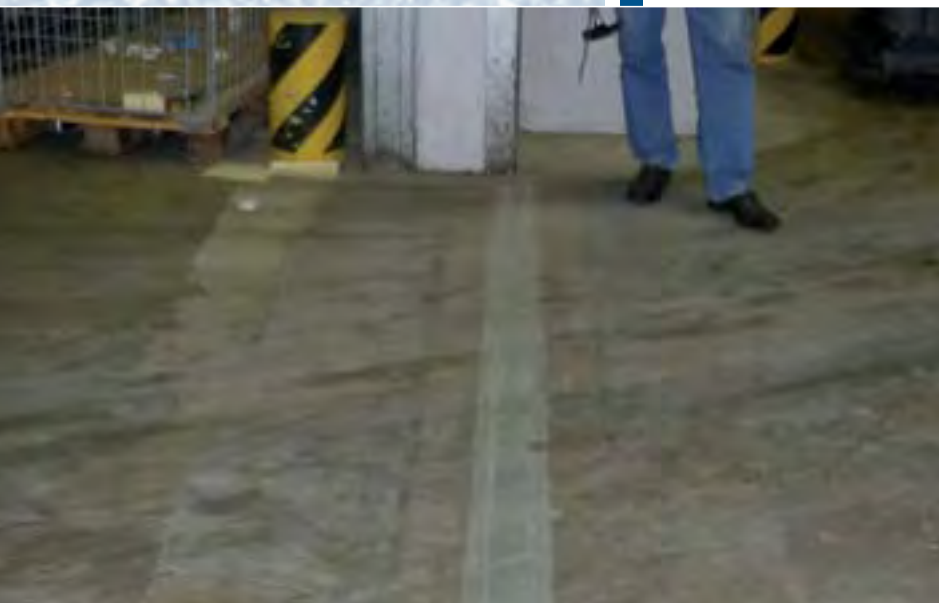
UNTERKAKA, GERMANY

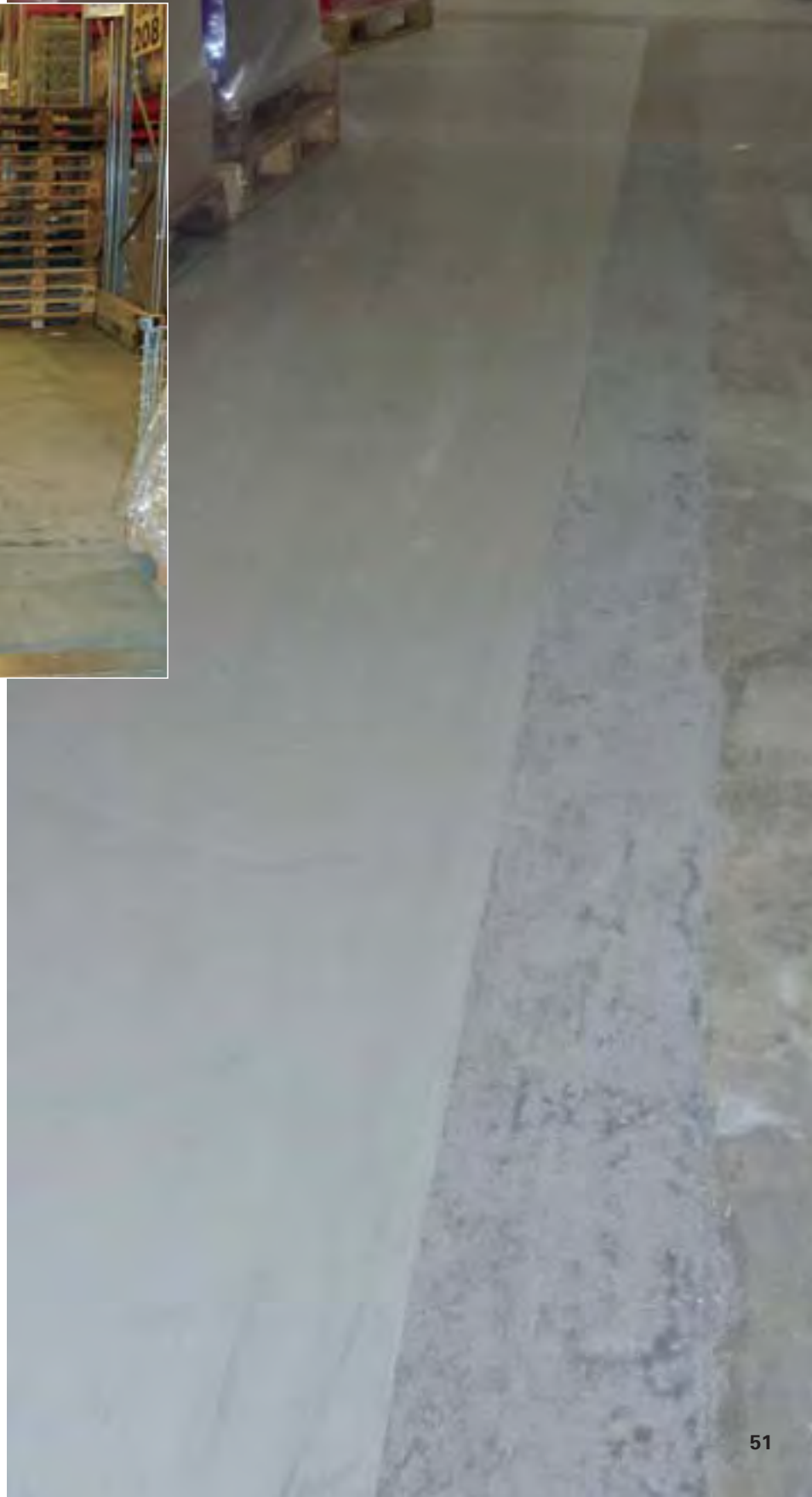
Kaufland Deep-freeeze Cold Store

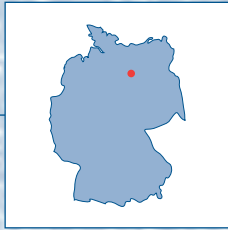
Product: MC-DUR 3500 KH, MC-DUR 3500 Cold Store Pro, MC-DUR rapid, MC-DUR rapid Primer

Year: 2006-2009

Project information: Kaufland as one of the biggest supermarket company operates huge deep-freeeze areas both in production and distribution. For that they have to face the same problems that occur in nearly all deep-freeeze cold stores due to their special structure and operation conditions: Cracks in the screed or concrete substrate, damaged joints, gateways due to the very cold temperatures in combination with very heavy traffic. Here the first major deep-freeeze cold store coating was applied at -26 °C to ensure safe and easy transport. Moreover many smaller repair spots have been fixed and thick layer epoxy coating systems levelled out major imperfections during construction under ambient temperatures.







STENDAL, GERMANY

Zellstoff Stendal AG

Product: MC-DUR 1200
MC-DUR 1900
MC-DUR 111 D

Year: 2004

Project information: Zellstoff Stendal is the biggest and most modern manufacturer of bleached cellulose in Europe. The production of cellulose occurs with the help of pressure, temperature, sodium lye, sodium sulphate and bleaching – different media also the coating has to deal with.

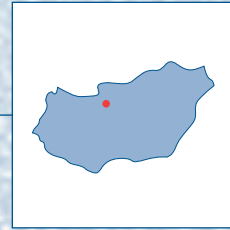


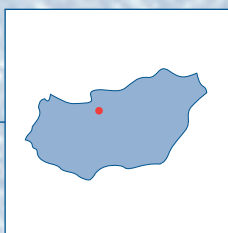
BUDAPEST, HUNGARY
Benetton Shop

Product: MC-DUR 1200

Year: 2003

Project information: In this Benetton shop the customer wished to have a flooring system, that protects the floor against the daily foot-traffic but nevertheless looks extraordinary. Both protection of the floor and an amazing optical impression by the white and completely jointless floor creates a special ambiance. Even after several years the floor is looking very fine.





BUDAPEST, HUNGARY

MOM Park

Product: MC-DUR 1252

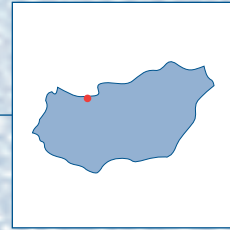
Year: 2003

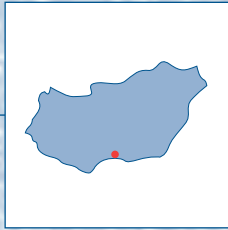
Project information: This shoppingcenter, consisting of four towers with offices, has an underground car park. In this car park the concrete had lots of cracks, that were coated with crack-bridging MC-DUR 1252 in MC-grey.



KOMAROM, HUNGARY
Pannomill AG Rt.

Product: MC-DUR rapid
Year: 2004
Project information: Within shortest time Pannomill AG Rt. has built the most modern mill of the country, that corresponds to high hygienic standards.





SZEGED, HUNGARY

Maintenance Station

Product: MC-DUR 1800

Year: 2008

Project information: Uninterrupted and safe operation of this maintenance station was achieved during refurbishment including the substrate coating. Especially oils, greases, gas and petrol contaminated the substrate and damaged the screed structure. The new liquid tight coating protects the substrate from ingress of critical materials, looks much better than the dirty screed and is much easier to clean. These aspects also have been perceived by the customers, so moreover it was a nice marketing action.



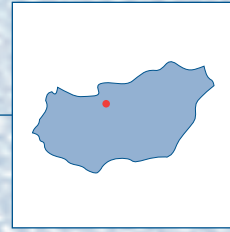
BUDAPEST, HUNGARY

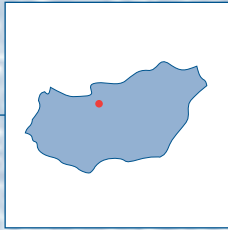
Kitchen Area

Product: MC-Durofloor

Year: 2007

Project information: Once more MC-Durofloor proved its perfect suitability for kitchen areas. As a reference system for food and nutrition industry MC-Durofloor played all its advantages in this project. Old and damaged tiles have been removed and a jointless, anti-slip, perfect to clean MC-Durofloor was applied with all technological material properties like an industrial flooring system. The transparent sealer which is able to withstand also heavy cleaning in short intervals allows the view on the decorative coloured quartz.





BUDAPEST, HUNGARY

TV Gyor

Product: MC-DUR 2295

Year: 2005

Project information: This project was a renovation of the balcony with MC-DUR 2295. This was a unknown work in strange height with different conditions than on the ground. Special requirements has been crack-bridging properties of the material.

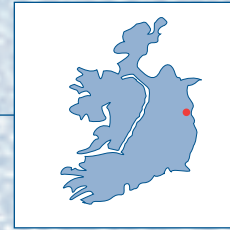


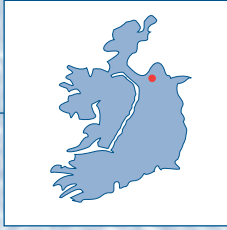
DUBLIN, IRELAND
Dublin Cafe

Product: MC-Durofloor

Year: 2005

Project information: The customer wished to apply a good looking, robust flooring system, so MC-Durofloor was chosen. Although the area is exposed to severe Irish weather conditions with long cold periods and often changing thermal impact the customer is very satisfied. The resistance of the flooring system against glimming cigarette stubs is very good, the owner stated later. Moreover the stairs have been done very well by experienced applicators.





COUNTY MONAGHAN, IRELAND AIBP Ltd.

- Product:** MC-FLEX 2099
- Year:** 2005
- Project information:** The combination of chemical impact by acids and organic substances, mechanical impact and frequently cleaning at high temperatures is typical for meat industry. For that reason the special system MC-FLEX 2099 was applied which is very durable by this impact due to its flexibility.

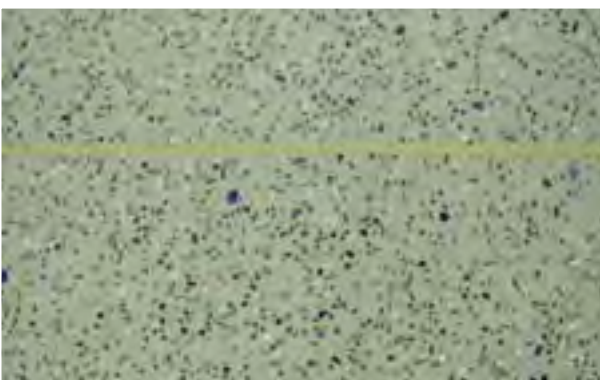
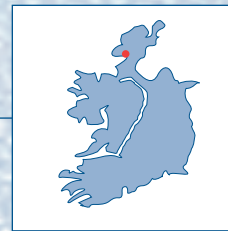


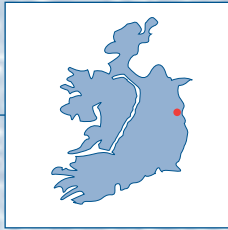
DONAGAL, IRELAND
Hospira Ltd.

Product: MC-DUR Terrazzo
MC-Durofloor

Year: 2005

Project information: Hospira Ltd. is an international represented producer of pharmaceutical products. In this industry taking care of hygienics is absolutely necessary to reach high-class standards and to avoid any contamination of the pharmaceutical products. Moreover the optical impression is very important because it is common practice that customers visit the producing facilities.





DUBLIN, IRELAND

FAAC Electronics

Product: MC-DUR 1850 ESD
MC-DUR 2095 ESD

Year: 2007/2008

Project information: FAAC as an international manufacturer of door and gate drives and relocated its production in Dublin to a new facility. For that their demand was an ESD-compatible flooring system that complies with ESD standards for use in electronic component environment.

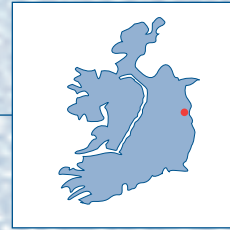
Further aspects have been a high mechanical resistance, high chemical durability and – what is extraordinary – a white colour!

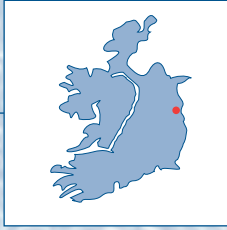
MC-DUR 1850 ESD was applied as a thick layer system in areas with the mentioned heavy impact and MC-DUR 2095 ESD as a thin layer system for areas with less impact, including excellent cleaning properties and UV stability. The white colour is very challenging for those systems due to the use of (black!) carbon fibres to achieve the conductivity.



DUBLIN, IRELAND
Irish Times

Product: MC-DUR 1212 VB
Year: 2001/2005
Project information: The Irish Times is the national and internationally approved high-class newspaper of Ireland. MC-Bauchemie got the order to coat about 6000 m² in 2001 and 2005 with MC-DUR 1212 VB. Long term durability even of shiny flooring systems was demanded.





DUBLIN, IRELAND

Lufthansa AG

Product: MC-DUR 1212 VB
MC-DUR 1200

Year: 2005

Project information: During a visit one year after the application the customer emphasised his satisfaction with the applied coating system. Working with metal tools and other heavy metal pieces and using pallets nothing did harm the flooring system up to now. Moreover the cleanability is appreciated.



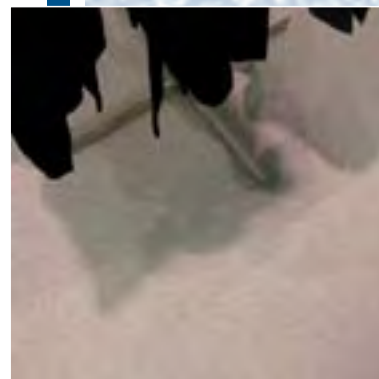
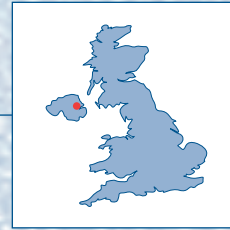
BELFAST, NORTHERN IRELAND

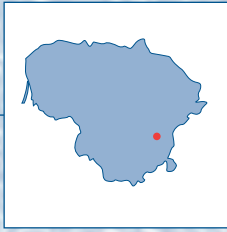
French Connection

Product: MC-Durofloor

Year: 2008

Project information: The French Connection shop is located in the Victoria Square shopping centre in Belfast. The owner demanded an easy-to-clean flooring system, with a high mechanical resistance especially against scratches and abrasion impact. This technical properties have been combined with a transparently sealed coloured quartz aggregate to create a nice and structured surface.





VILNIUS, LITHUANIA

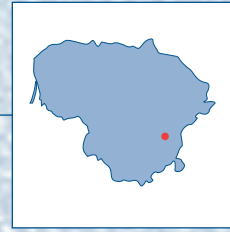
Arcus Novus

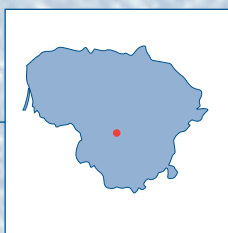
- Product:** MC-DUR 1900
- Year:** 2008
- Project information:** Arcus Novus develops satellite surveillance systems. For that challenging task the flooring system has to contribute to highest product quality standards. Defined and reliable conductivity of the flooring systems avoids electrostatic charging and damages of electronic devices by sudden discharge.



VILNIUS, LITHUANIA
Kappa Smurfit

Product: MC-DUR VS
Year: 2008
Project information: Kappa Smurfit is one of the major producers of packagings and is operating in this facility in Vilnius, too. Paper and other packaging materials demand smooth and dry substrates so that the material is not damaged by taking up moisture or rough surfaces. The floor was protected with MC-DUR VS as a sealer to maintain best storage conditions. Moreover, by different colours walking areas and operational areas have been marked





KAUNAS, LITHUANIA

Ammunition Factory Grindys

Product: MC-DUR 1212 VB

Year: 2008

Project information: Safety, reliability and cleanability is most decisive for Grindys so the decision was to protect the mineral substrate by a durable coating system based on epoxy resin.



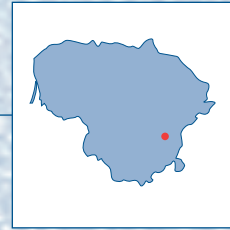
VILNIUS, LITHUANIA

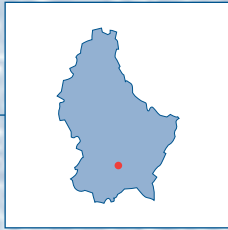
Pedestrian Bridge

Product: MC-DUR 1252

Year: 2008

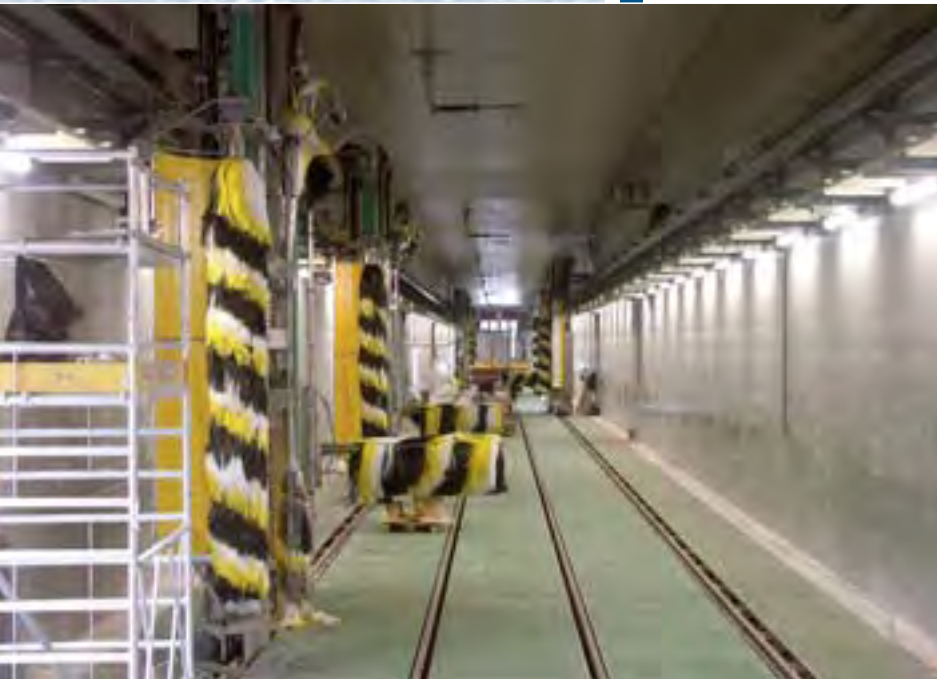
Project information: This pedestrian bridge in Vilnius was refurbished after many years of frequent use. The walking area was protected by MC-DUR 1252, a slightly flexibilised epoxy resin which is ideal for both foot-traffic and direct weather impact in combination. Beside defined anti-slip properties the ingress of chlorides and liquids into the mineral substrate is avoided.





LUXEMBOURG, LUXEMBOURG Train Wash Facility

- Product:** MC-FLEX 2098
- Year:** 2008
- Project information:** This triple bay hall of approx. 200 m length had to be protected against the water from the washing process. It comprises a train washing section an interior cleaning section and a traction unit maintenance section. The washing section is impacted by cleaning agents, moreover the structure will be nearly constantly wet during operation.



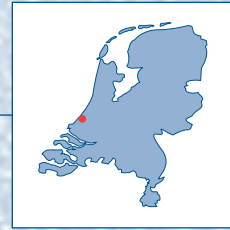
DEN HAAG, NETHERLANDS

Outlet Center „The Globe“

Product: MC-Durofloor

Year: 2002

Project information: Outlet centers become more and more popular for shopping and it is necessary to contrast from other centers. This can happen among other things like additional recreation areas by interior design. In this extraordinary case the customer used MC-Durofloor for placing coloured and friendly accents in his shopping center to contribute to its overall appearance.





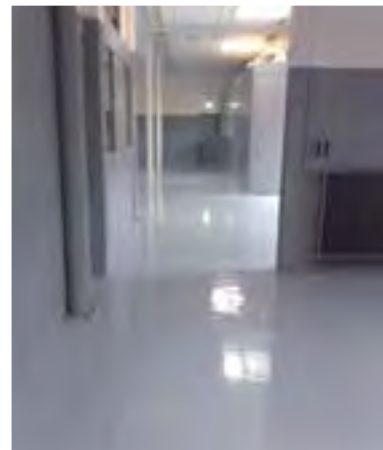
HILVERSUM, NETHERLANDS

Retail Store

Product: MC-DUR 1202

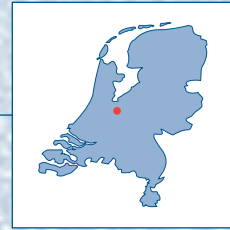
Year: 2008

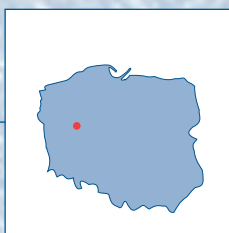
Project information: In this retail area the customer planned to apply a highly glossy coating system. This was realised with MC-DUR 1202 to ensure that the high abrasion resistance avoids scratches by daily foot-traffic. Moreover the colour contributed to an overall architectural concept what is always very important regarding corporate identity and recognition value.



HILVERSUM, NETHERLANDS
Garage

Product: MC-DUR rapid
Year: 2008
Project information: Substrates have been contaminated by oils and other chemicals for many years. Besides environmental concerns also the overall impression for the customers were the points to upgrade the complete substrate with a wear-and-tear resistant coating system. The new friendly look and the long-term benefit was realised within only one weekend.





POZNAN, POLAND

Elite Cafe

Product: MC-DUR 2052 AM
MC-Durofloor

Year: 2005/2006

Project information: Several different areas have been applied in this cafe-production-facility which is delivering the whole polish market. Beside high technical requirements the customer asked in addition for a good optical impression, which was the reason to apply MC-Durofloor as the leading nutrition industry product.



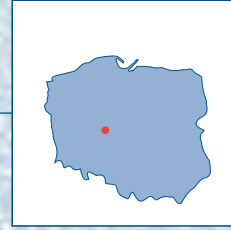
KALISZ, POLAND

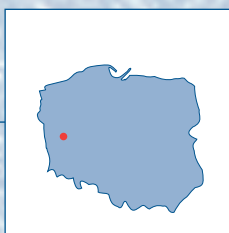
Fructon Fish Producing Factory

Product: MC-DUR 1800 TX
MC-Durofloor

Year: 2004

Project information: Many different areas have been applied according to different requirements. Beside standard systems bigger areas with high-tech system MC-Durofloor for appealing design optic in nutrition industry was applied. Most important in fish producing industry is a reliable anti skid property due to high amounts of moisture and oily substances.





ZIELONA GÓRA, POLAND

Gas Producing Facility

Product: MC-DUR 1800

Year: 2003

Project information: Power plants and energy producing facilities have very severe requirements concerning the flooring system. Beside the protection of the groundwater corrosion of steel components and conductive properties are decisive.



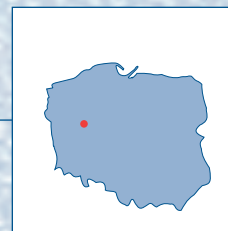
POZNAŃ, POLAND

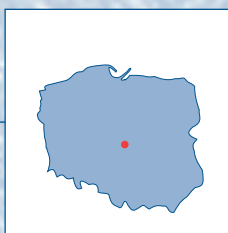
Toyota

Product: MC-DUR 1212 VB

Year: 2005

Project information: In this big garage for Poznań Toyota customer a reliable and tough flooring system is needed which can stand both mechanical impact from heavy metal parts or falling tools and also chemical impact from oil, petrol and diesel fuel.





ŁÓDŹ, POLAND

Wrangler & Lee

Product: MC-DUR 2500

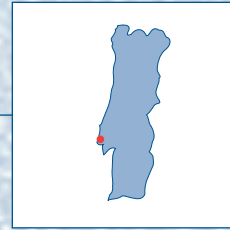
Year: 2005

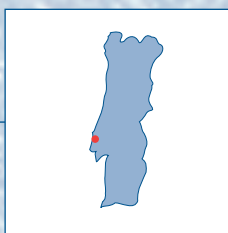
Project information: Many different chemical substances are used to prepare the material, dyeing the cloth and bleach it finally, so the chemical resistance, e.g. against 50% acetic acid, was most important requirement here.



LISSABON, PORTUGAL
CITROËN

Product: MC-DUR 1212 VB
Year: 2008
Project information: This Citroen service station had to be restructured and in connection with that a comprehensive floor concept was developed. The flooring improves the overall friendly look with bright colours. Coloured sections and marks divide the area into parts of different use. The final result was documented and took part in an Citroen competition for a new service stations' corporate design.





ABRUNHEIRA, PORTUGAL

Mercedes Benz Portugal

Product: MC-DUR 1200
MC-DUR 2095 M

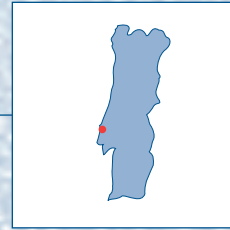
Year: 2005

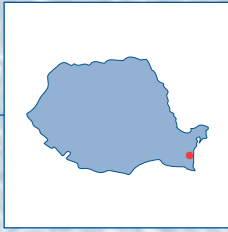
Project information: In 2005 MC-Bauchemie got the order to coat the „Maybach“-workshop in Abrunheira. Every “Maybach”, a synonym for exquisite quality and highest luxury, is a customized production in accordance to customer wishes. Not necessary to explain that the flooring system had to be absolutely perfect. For extraordinary cleanability MC-DUR 2095 M has been applied which is not only a matting material but rather an amazing surface protection.



CARREGADO, PORTUGAL Power Plant

- Product:** MC-DUR 1200
MC-DUR 1800 FF
- Year:** 2004-2005
- Project information:** This power plant, 30 km out of Lisbon, supplies Carregado with electricity and warmth. MC-Bauchemie coated 9,000 m² with MC-DUR 1200 and MC-DUR 1800 FF to guarantee a high mechanical durability. The MC-DUR 1800 FF areas have been designed as a collect-pan construction also vertically for about 30 cm to protect the construction in case of accident.





CONSTANTA, ROMANIA

Airport Constanta

Product: MC-DUR 3500

Year: 2006

Project information: The long lasting disregarding of maintenance led to huge ruptures and blow-outs in the joints of the concrete slabs. They now have been refurbished with the very fast curing and easy-to-handle repair system MC-DUR 3500. The ongoing operation of the airfield during the application was guaranteed by a full load capacity of the material after less than 2 hours.

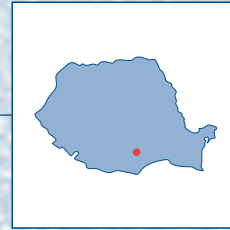


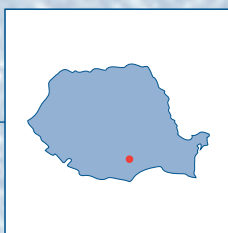
BUCHAREST, ROMANIA
Romgaz SA

Product: MC-DUR 1900

Year: 2006

Project information: Romgaz SA is the biggest natural gas producer in Romania. Actually the substrate was in a very bad condition regarding contaminations, blow-outs and strength so that an extensive preparation of the substrate has been necessary before coating. A good protection of substrate and soil also by a special colour in accessible areas for foot-traffic is achieved by high-standard system MC-DUR 1900.





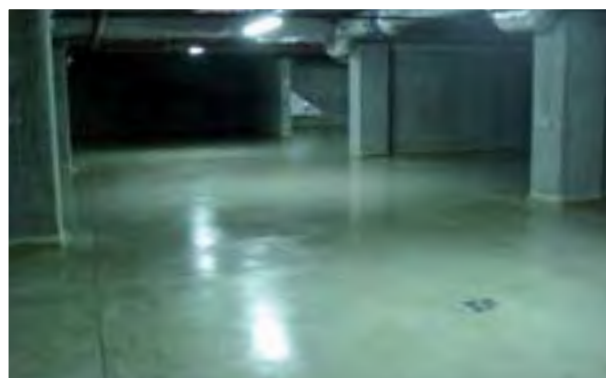
BUCHAREST, ROMANIA

Residential Park Underground Car Park

Product: MC-DUR 111 D

Year: 2008

Project information: This 10,000 m² underground car park area of a residential park needed a protection against mechanical impact by traffic and chemical impact by oils, fuels or chlorides. As a cost-effective solution was demanded by the owner the whole area was coated by MC-DUR 111 D as a high quality sealer material.



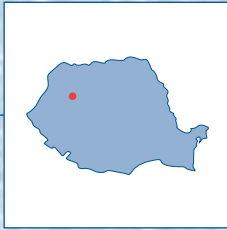
NAVODARI, ROMANIA
Market Hall

Product: MC-Durofloor

Year: 2008

Project information: The complete market hall of the city of Navodari was coated with MC-Durofloor to improve the overall quality of the local commerce possibilities. MC-Durofloor is ideal because this system contains food compatibility (physiological harmless) and a fine compromise between cleaning and anti-slip properties. Finally the high mechanical and chemical durability in combination with an excellent resistance against thermal load is the best solution for a busy food and nutrition trade place.





CLUJ, ROMANIA

Industrial Facility

Product: MC-DUR 1900

Year:

Project information: During this project both the high chemical resistance and also the crack-bridging ability was very important to protect the screed and the substrate from penetrating chemicals. Furthermore a conductivity was necessary due to handling with solvents. These comprehensive material characteristics demanded by the customer MC-DUR 1900 was the only choice.

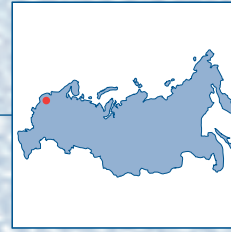


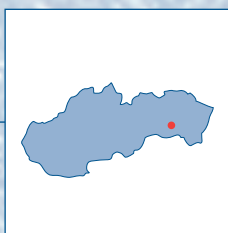
ST. PETERSBOURG, RUSSIA
High-speed Train
Service Station

Product: MC-1200

Year: 2008/2009

Project information: The Russian government decided to establish a high-speed track for a new generation of trains from Moscow to St. Petersburg. To guarantee the operational reliability of those trains a train service and washing station was build in St. Petersburg which was specified by a German tender office. Most important to the owner was a durable solution under severe conditions, e.g. strong abrasion, sudden impact, pressure, chemical attack by many different oils, greases including a colour concept to divide different sections of the area.





KOSICE, SLOVAKIA

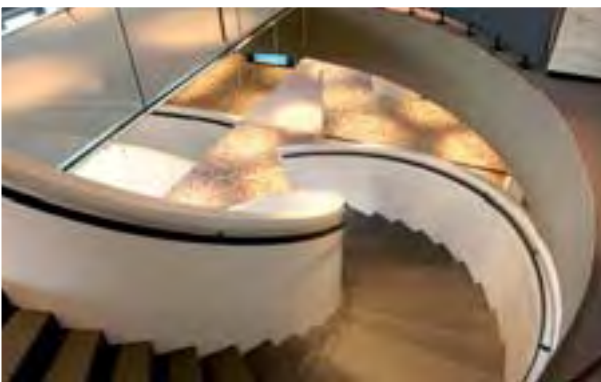
Hotel Yasmin, Entrance Area

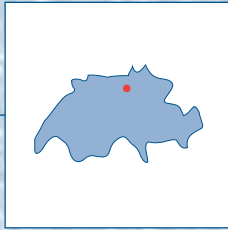
Product: MC-DUR 1204
MC-DUR 1252

Year: 2008/2009

Project information: In 2011 the ice-hockey world-championship will take place in Slovakia. For that many cities upgrade their infrastructure. In Kosice the hotel Yasmin was completely restructured to show a new and modern style to the supporters in 2011. Extraordinary efforts have been made to present a unique architectural masterpiece in the entrance area. Coarse gravel attached to a fleece material was imported from China and applied on the floor. The gaps were filled with coloured resin and the whole area was grinded in different steps to a polished, smooth surface showing an existing surface structure. To protect the floor a thick transparent sealer was applied with high scratch resistance and UV stability.







ZURICH, SWITZERLAND

Coop Handelsgruppe

Product: MC-DUR 1202
MC-DUR 1205
MC-DUR 1800 FF

Year: 2000-2004

Project information: This DIY-store near the marvelous swiss alps is exposed every day by heavy foot-traffic and moving of heavy goods on pallets. Mechanical resistance but nevertheless a fine optical impression was demanded by the customer.



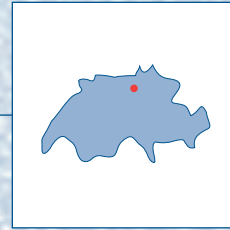
ZURICH, SWITZERLAND

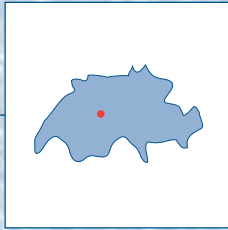
Airport Zurich

Product: MC-DUR 1252

Year: 2003

Project information: At this airport a 14-floor multi-storey car park was built. Requirements were resistance against petrol, dew salt, chemicals and wear caused by traffic. The combination of MC-DUR 1200 VK and MC-DUR 1252 fulfilled the requirements and offers security on more than 90,000 m², one of the biggest projects ever. The customer has been also convinced by many detail solutions and excellent MC service and support.





LANGNAU I. E., SWITZERLAND Emmi AG

Product: MC-DUR 1900 FF

Year: 2006

Project information: Although one might think that milk and milk products are of no big interest for flooring systems it is absolutely necessary to protect the substrate because many different strong and medium acids appear and can do heavy damage to concrete structures after penetration. Moreover cleanability and anti skid is demanded.





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