



ALTANA - History

Übersicht

The roots of ALTANA AG go back to the year 1873, when Dr. Heinrich Byk began producing chemicals. In 1941 Dr. Günther Quandt acquired the majority of shares in the subsequent. BYK-Chemie. From 1977 the company became part of the newly formed ALTANA AG.

Today ALTANA Group is organized in four divisions:

- BYK Additives & Instruments,
- ECKART Effect Pigments,
- ELANTAS Electrical Insulation und
- ACTEGA Coatings & Sealants

and is globally represented in the area of specialty chemicals with around 42 production sites.



1873

Dr. Heinrich Byk founds the chemicals factory Dr. Heinrich Byk Chemische Fabrik in the Berlin district of Oranienburg (entered in the commercial register under No. 7595) and begins producing industrial and commercial chemicals. ► today Division BYK



1917

Dr. Heinrich Byk Chemische Fabrik and Leipziger Farbwerke Paul Gulden & Co. (founded 1896) merge to form BYK-Guldenwerke Chemische Fabrik AG.



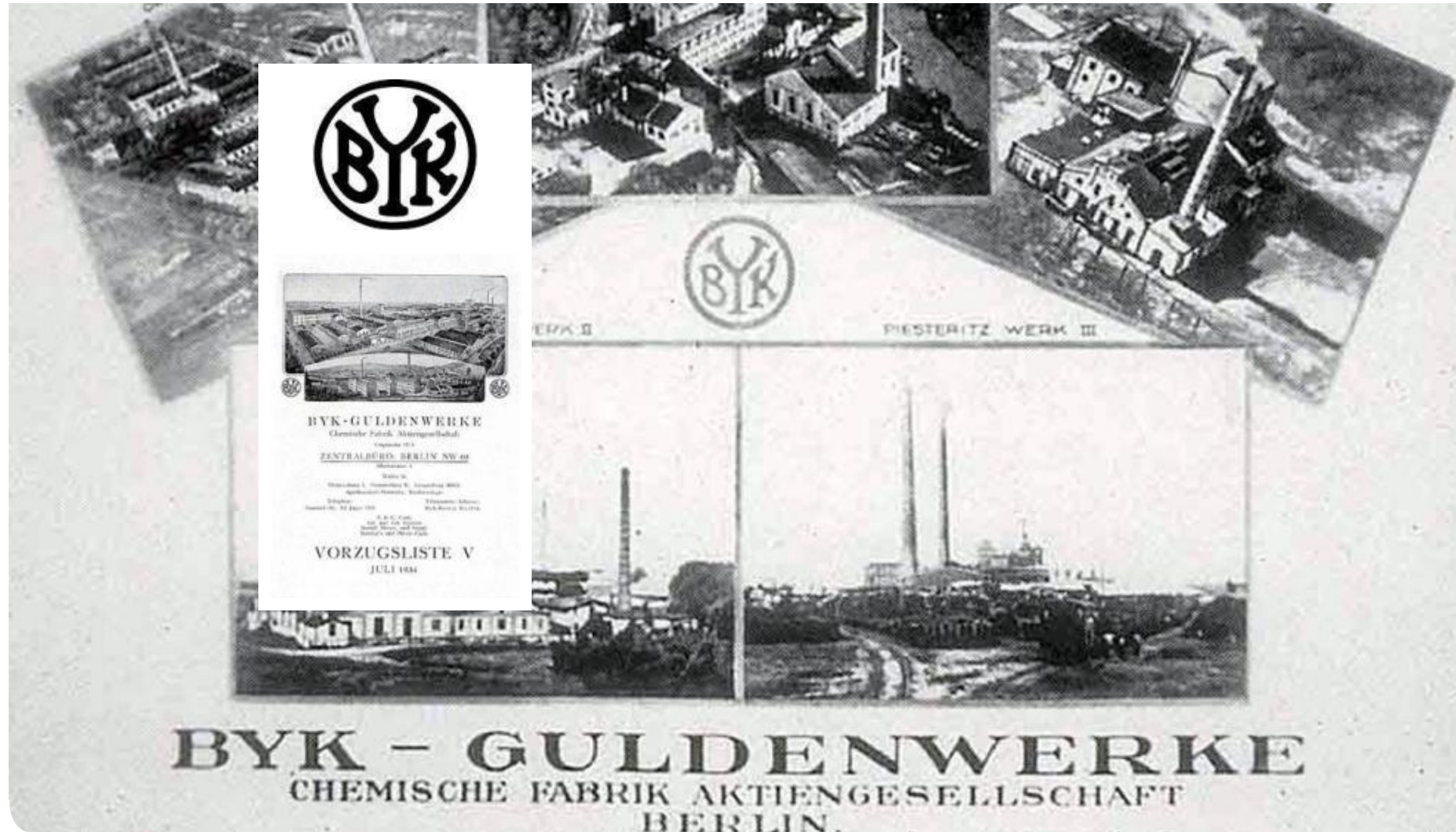
1929

BYK-Guldenwerke starts production of cold asphalt for road construction (registered as Bykumen).



1931

Following the acquisition of Ernst Lomborg–Photochemische Produkte (formed 1882), the company is renamed BYK-Gulden Lomborg.



1935

The dispersing agent Anti-Terra is sold for the first time. Over the years Anti-Terra is steadily developed to become a world-famous product of our paint additives group.



1941

Dr. Günther Quandt, Chairman of the Board of Management of AFA (Akkumulatoren-Fabrik AG, later VARTA AG) acquires the majority of shares in BYK-Gulden Lomberg and becomes Chairman of the Supervisory Board.



1943–45

90 percent of the production and office premises in Berlin are completely destroyed. For safety reasons, during the war, valuable documents and formulations are stored in a safe of the Deutsche Bank in Constance. At the end of the war, the company relocates to Constance and changes its name to BYK-Gulden.



1954

Upon the death of Günther Quandt, his son **Dr. Herbert Quandt** together with his brother Harald built up the conglomerate to an overall complex of 17 companies, included Varta (formerly called AFA) and BYK-Gulden.



1962

AFA is renamed into Varta (German acronym for marketing, charging, repair of transportable batteries)

BYK-Gulden breaks ground for the Wesel facilities, today the head quarters of ALTANA and its three business units and the additive production site of BYK-Chemie, with high tech laboratories for research, development and application technology.



1964

BYK-Chemie USA is founded to develop the additive business in the American market.
In 1981 the company relocates to Wallingford.
▶ today Division BYK



1969

BYK-Gulden merges its additives business with the radiopharmaceuticals business of Mallinckrodt Inc., USA to form BYK-Mallinckrodt Chemische Produkte GmbH, Wesel.

Busch Jäger (predecessor to ALTANA AG and subsidiary of Varta AG) buys **Rhenania** GmbH, Grevenbroich. The company, founded in 1915, specializes in the manufacture of can and foil coatings. ▶ today Division ACTEGA



1977

The split of Varta AG results in the formation of three separate companies. One of these is the present **ALTANA AG**, based in Wesel, formerly Bad Homburg.



1980

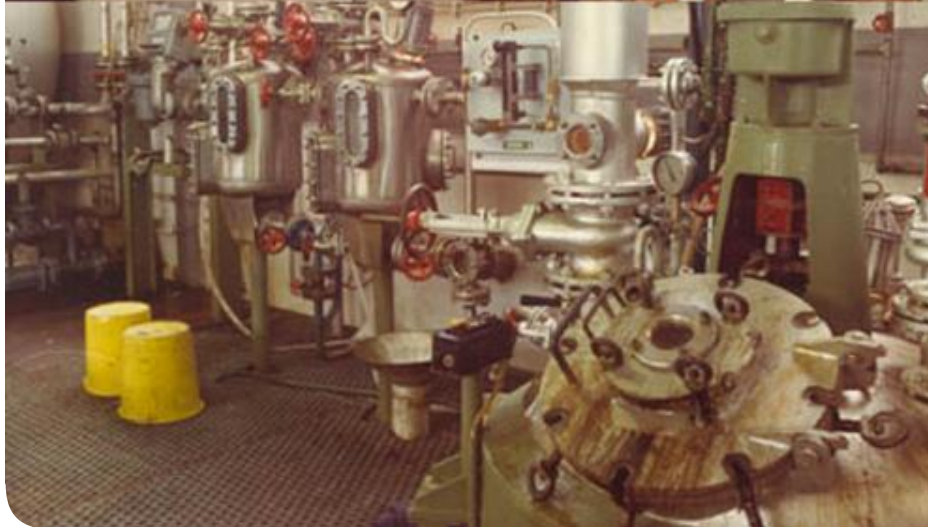
BYK-Chemie Japan is founded in Osaka, initially marketing additives in the whole of East and Southeast Asia, today concentrating on the Japanese market.

► today Division BYK



1984

BYK-Mallinckrodt GmbH is dissolved.
BYK-Chemie GmbH, Wesel is formed
as a 100% subsidiary of ALTANA AG,
specializing in the additives business.



1985

BYK-Chemie acquires a 48% stake in and, from 1986, complete ownership of Labotron AG, Geretsried, renamed **BYK-Gardner** in 1989. The company, founded in 1962, develops and produces precision instruments for the characterization of appearance, gloss or color. ► today Division BYK



1986

ALTANA Chemie, the Chemicals Division of ALTANA AG is created, with its head quarters at the Wesel site. It comprises the following entities:

BYK-Chemie:
USA – France – Japan (Additives)
BYK-Labotron GmbH (measuring instruments)
Rhenania GmbH (Coatings).



1988

BYK-Chemie Korea is founded with its head quarter in Seoul.

▶ today Division BYK



1989

Acquisition of the Gardner Lab., US, now trading as **BYK-Gardner**, USA (Columbia, MD). Since 1924, the company has developed and produced instruments in the USA.
▶ today Division BYK



1989

The acquisition of **Dr. Wiedeking** (Kempen, Germany) lays the foundation for the growth of a global wire enamel business. The company was founded in 1947 and is now among the key suppliers of wire enamels in Europe. In 2005 Wiedeking merged with Beck Electrical Insulation.

▶ today division ELANTAS, Kempen is today a production facility of BYK



1991

BYK-Chemie acquires the Dutch firm of CERA Chemie B.V. based at Deventer. The company, renamed **BYK-Cera**, was formed in 1972 and develops / produces wax additives.

▶ today Division BYK



1992

The acquisition of **Deatech** (Ascoli Piceno, Italy), founded in 1989, accelerates the expansion of the wire enamel business.

▶ today division ELANTAS Electrical Insulation



1993

Rhenacoat France is acquired, a manufacturer of packaging coatings (can coatings) based at Sedan, France.

▶ today division ACTEGA



1995

DS-Chemie (Bremen, Germany) is acquired, since 1920 a specialist in the production of sealing compounds for closures.

► today Division ACTEGA



1996

Purchase of the **P.D. George Company** (St. Louis, Mo, USA). Since 1919 the family business has manufactured wire enamels, compounds and varnishes in the USA.

▶ today Division ELANTAS

Acquisition of **La Artística**. The company, founded in 1906 near Vigo, Spain, produces sealing compounds for tin cans.

▶ today Division ACTEGA

Formation of **BYK-Chemie Asia-Pacific** at Singapore. Other sales offices and laboratories are located in China, Malaysia and Taiwan.

▶ today Division BYK

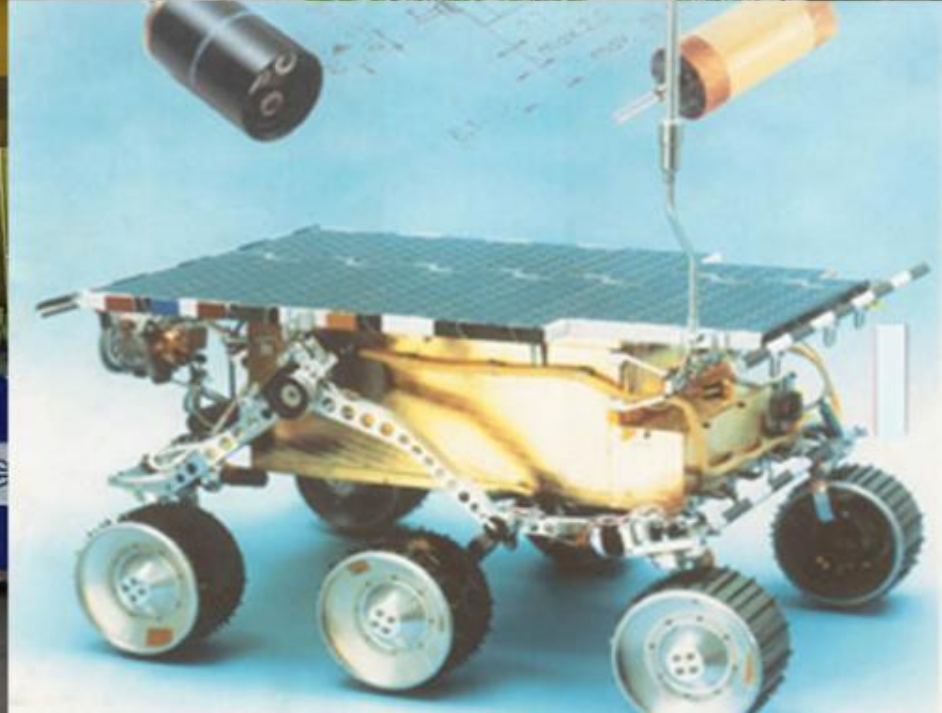


1997

Formation of Shunde-Rhenacoat (Shunde, China). The company produces special packaging coatings.

► today Division ACTEGA

High-performance wire enamels of ALTANA Chemie conquer Mars. During the Mars Pathfinder mission, the small Sojourner mobile operates using wire enamel coatings supplied by Wiedeking.



1998

Acquisition of **Camattini** (Collechio near Parma, Italy). Camattini was formed in 1962 and produces compounds for the electrical industry and casting resins for tools.

▶ today Division ELANTAS

Acquisition of **Tongling Siva Insulating Materials** (Tongling, China). Since 1995 the company has produced wire enamels.

▶ today Division ELANTAS



2000

Terra Lacke (Lehrte, Germany), a specialist since 1948 in overprint varnishes, is acquired.

► today Division ACTEGA



The business activities of ALTANA Chemie are organized into divisions (Status 05/2006):



Additives & Instruments: BYK-Chemie Wesel, BYK-Chemie USA, BYK-Gardner, BYK-Cera, BYK-Chemie Japan, BYK-Chemie Korea, BYK-Chemie Asia Pacific, BYK-Chemie Tongling.



Coatings & Sealants: DS-Chemie, Rhenania, Kelstar International, Rad-Cure, Terra Lacke, Shunde Rhenacoat, La Artistica



Electrical Insulation: P.D. George, Deatech, Beck Electrical Insulation, Tongling SIVA, Beck India, Camattini, Sterling, ALTANA Electrical Insulation Zhuhai, ALTANA Isolantes Eléctricos do Brasil



Effect Pigments: ECKART Deutschland, ECKART America, ECKART Asia, ECKART Benelux, ECKART Switzerland, ECKART France, ECKART Finland, ECKART Italia, ECKART UK (2005 akquiriert)

2001

Syntel SpA. Is acquired. The company founded in 1992 produces wire paints at the production site Quattordio, Italy. In 2003 Syntel is merged with Deatech.

▶ today Division ELANTAS

BYK-Chemie Tongling (Tongling, China) is founded. 400 km west of Shanghai Coatings- and Plastic additives are produced.

▶ today Division BYK



2002

Sterling, wire enamel manufacturer based at Manchester, England, looks back on over a century of tradition and becomes part of the business unit ALTANA Electrical Insulation. As of 2004 Epoxylite (formed in 1954), Manchester, also acquired in 2002, is integrated into Sterling.

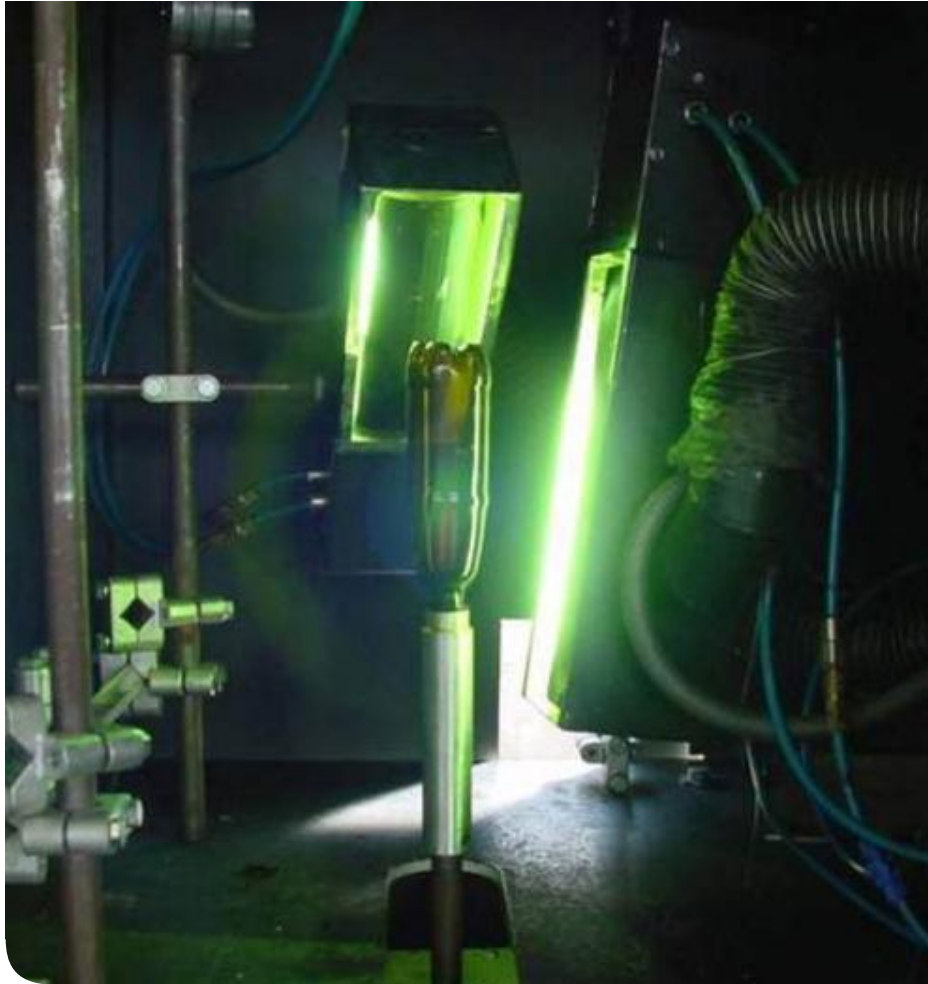
▶ today Division ELANTAS



2003

ALTANA Coatings & Sealants is the first business unit to use nanotechnology to effectively slow down gas diffusion from plastic containers.
(barrier coating, see below).

Acquisition of the entire electrical insulation business of Schenectady. **Beck Electrical Insulation** (Hamburg, Germany), manufacturer of impregnating varnishes since 1904, and **Beck India** (Pune, India), founded in 1956, become members of the ALTANA Chemie family.
▶ today Division ELANTAS



2004

BYK-Chemie launches the first nano-additives on the market, NANOBYK-3600 and 3601 for scratchproof coatings.



ALTANA Electrical Insulation Zhuhai is founded and started up as production site for wire enamels and impregnating resins. It is ALTANA Chemie's fourth production site in China.

▶ today Division ELANTAS



2005

The ECKART-Gruppe becomes fourth division
"Effect Pigments" of ALTANA.



ECKART (founded in 1876) is a leading international manufacturer of metallic pigments for the paints and coatings industry, the graphic arts industry, the plastics, lightweight concrete industries and the cosmetics industry. The product range today encompasses all kinds of metallic effect pigments and even press-ready metallic printing inks. Pearlescent pigments round off the range.

Global presence enables ECKART to identify customer requirements at an early stage and to react quickly and flexibly. Intensive research and development activities create special products, innovative solutions and constant improvements in a wide variety of fields.



2005/06

Acquisition of **Kelstar International**
(Cinnaminson, NJ, USA) in October 2005.

Kelstar International is a leading US producer of water based and UV curable overprint coatings for the paper and board packaging sector.

► Division ACTEGA



In February 2006, Rad-Cure (Fairfield, NJ, USA) is acquired. Rad-Cure is a specialist in the field of overprint UV curable coatings and adhesives for the paper and board packaging sector.

► Division ACTEGA



2006

Strategic and geographic expansion of division Electrical Insulation in the Mercosur Area.

ALTANA acquires electrical insulation production of INVEX in Brasil and founded **ALTANA Isolantes Elétricos do Brasil Ltda.**, located in Cerquilha.

► Division ELANTAS

After the total integration of the former Schenctady business into the plant within the coming 12 months, **AIE do Brasil** will be a prominent manufacturer of electrical insulation resins in South America.

► This foothold facility could provide a base for the expansion or entry of other divisions in the interesting South American market.



After the divestment of the pharmaceuticals activities ALTANA focuses on its specialty chemicals business. The ALTANA Group now is composed of the Bad Homburg-based strategic management holding company, ALTANA AG.

In summer 2007, ALTANA changes locations to Lower Rhine. Wesel becomes place of business of ALTANA AG. The new group structure also brings along a change in quote: now quotation in MDAX and turning away from the US stock market.

4.5.2007: Launch of a new brand architecture



2007

- Development of technical on-site support: **BYK** opens new labs in Southeast-Asia (Langfang & Singapore)
- **BYK** acquires Bergen Materials Corp., USA to expand the additives business
- **ECKART** acquires effect pigments business from Wolstenholme Group Ltd., UK. The acquired business comprises bronze and aluminum pigments.



2008

- BYK acquires former ELANTAS production site in Kempen
- ELANTAS and BYK open new production plants in Tongling, China



2008

- ALTANA acquires the pigment business of US Bronze Powders, New Jersey
▶ Division ECKART
- ALTANA closes the acquisition of the Dutch manufacturer of wax additives, Dick Peters B.V., at the end of 2008
▶ Division BYK



2009

- ALTANA acquires the additives business of DyStar
 - ▶ Division BYK
- Water Ink Technologies is acquired by ALTANA. The company produces printing inks, overprint varnishes and dispersions in North Carolina
 - ▶ Division ACTEGA
- The Texas-based Quadrant Chemical Corporation is acquired. The company chiefly manufactures epoxides and urethanes for applications in the automotive and transportation markets. The Indian company Shimo, which is mainly active in the electrical engineering sector, is also acquired
 - ▶ Division ELANTAS



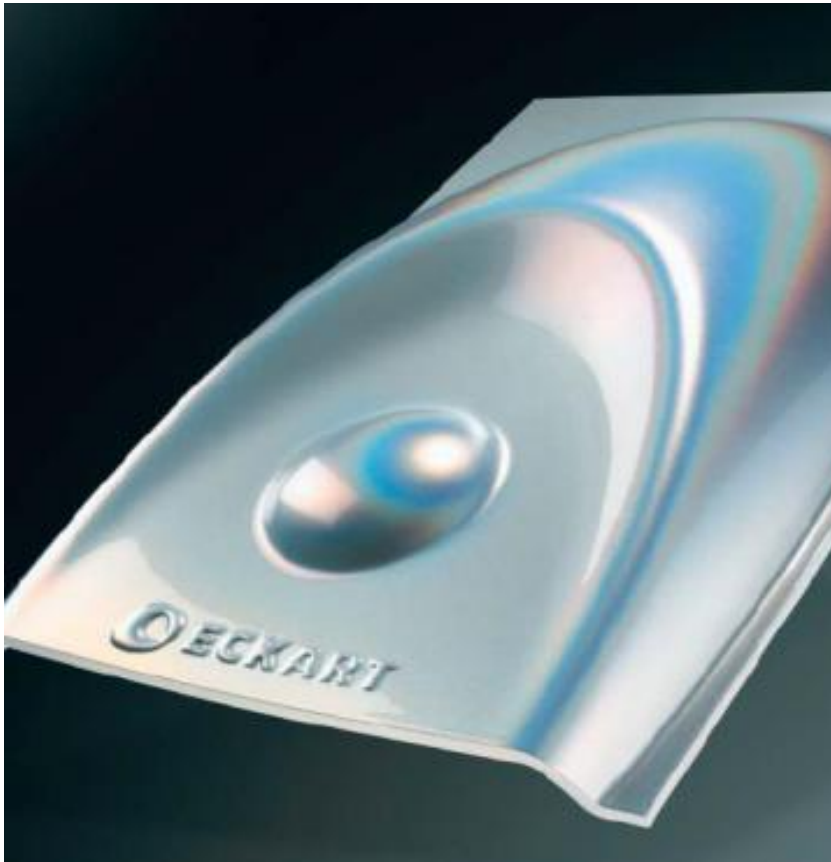
2010

- The firm of Aquaprint, based near Bremen and specializing in the manufacture of water-borne overprint varnishes, is acquired
▶ Division ACTEGA
- The AGM of ALTANA AG resolves on June 30, 2010 to transfer the remaining shares to the company's main shareholder SKion GmbH in return for a cash compensation. ALTANA thus becomes a private company after 33 years of being listed on the stock market



2011

- ALTANA acquires the polymer modifier producer Kometra based in Saxony-Anhalt
▶ **Division BYK**
- Acquisition of the sealants business of Watson Standard Adhesives Company further enhances market position in the USA ▶ **Division ACTEGA**
- The printing ink manufacturer Color Chemie is acquired in May
▶ **Division ACTEGA**
- ALTANA acquires the production of Metalure pigments from Avery Dennison in the USA ▶ **Geschäftsbereich ECKART**



2012

- 50th anniversary of the BYK site in Wesel on May 24
- Official opening of the new laboratory building, which has been for its efficient use of energy with the LEED certificate (Leadership in Energy and Environmental Design)



2012

- Acquisition of the U.S.-based wax additive manufacturer ChemChor
▶ Division BYK
- Acquisition of the casting resin business of the Italian Marbo Group. The products can be used for encapsulating or coating electronic components with insulation materials
▶ Division ELANTAS



2013

- Acquisition of the rheology business of Rockwood, the second biggest in the company's history, with four new production sites in Germany, England and the USA joining the ALTANA Group
 - ▶ Division BYK
- ACTEGA acquires the specialty coating business from Henkel and the overprint varnish business from Valspar ▶ Division ACTEGA



2014

ALTANA Group significantly expands presence in China

- ACTEGA opens a new research facility for coatings and sealants in Foshan
 - ELANTAS increases capacity at the world's largest production plant for wire enamels in Tongling
 - BYK plans new plant for chemical additives in Shanghai
- ▶ Geschäftsbereiche ACTEGA, ELANTAS und BYK



Production capacity for BYK Additives more than doubled in the U.S

Expansion of the Wallingford facility underlines the commitment to local customer base and growth in North America

- Largest single investment made by ALTANA outside of Germany to date
 - Expansion increases worldwide supply chain security for additives
- ▶ Division BYK

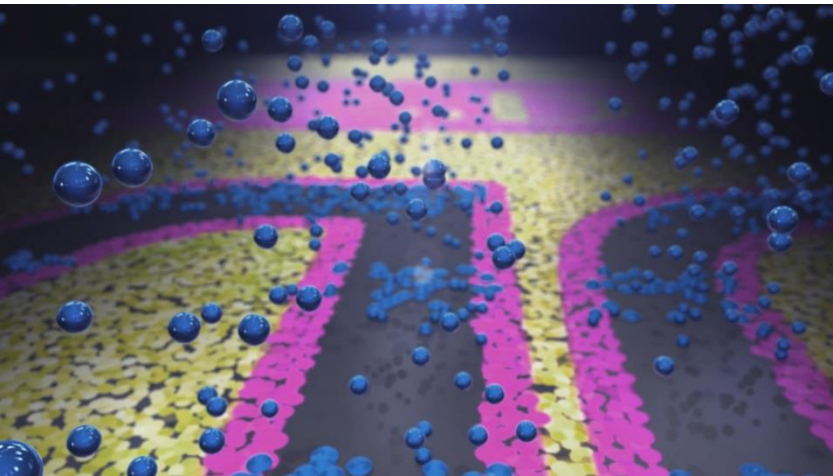
2014



ALTANA acquires polypropylene wax emulsion business from DSM

The specialty chemicals group ALTANA has acquired technologies and customer-specific know-how in the field of polypropylene wax emulsions from Dutch-based Royal DSM. The products can be used to coat glass fibers required for the manufacture of composites. Typical application fields include the construction and automotive industries.

► Division BYK



Long-term strategic partnership: ALTANA invests €100 million in Landa Digital Printing

The specialty chemicals company regards Landa Nanography™ as “game-changing” for the printing industry

► ALTANA

Image left: The Nanographic Printing™ process involves billions of Landa Nanolnk™ droplets being applied to a heated transfer blanket to form a 500nm thick image. The image dries instantly and can be laminated onto paper or plastic without penetrating it. Its use of fewer materials compared to other printing processes means that costs are significantly reduced.

2014

ALTANA enlarges Management Board

- Enlargement of the Management Board from two to three members
- Reorganization caters to accelerated growth of the ALTANA Group



ALTANA expands its business in Brazil through acquisitions

- ACTEGA acquires two companies in the overprint varnish and printing ink industry in São Paulo state
- Takeover of three production facilities and 210 employees
- Consolidation of businesses in the new **ACTEGA do Brasil**

2015

ACTEGA Rhenania celebrates company centenary

ACTEGA Rhenania celebrated its centenary with a special ceremony for staff and business customers at the Böhler Areal event venue in Meerbusch.



ALTANA supports charity refugee work with a quarter of a million euros

ALTANA donates 250,000 Euros to finance a German course designed by charity Malteser Werke specifically for refugees.



ALTANA positions itself for the future



- Dr. Stephan Glander is appointed Managing Director of BYK-Chemie GmbH and President of BYK Additives & Instruments as of July 1, 2015



- Stefan Genten becomes the new Chief Financial Officer of ALTANA AG as of August 1, 2015.



- As of January 1, 2016, ALTANA Management Board member Martin Babilas succeeds Dr. Matthias L. Wolfgruber as Chief Executive Officer of ALTANA AG.

