

OUR WAY TO SPECIALITY

PCC EXOL SA PORTFOLIO PRESENTATION

CORPORATE VIDEO

OUR WAY TO SPECIALITY

GENERAL TOPICS



**PCC GROUP
GENERAL INFORMATION**



**PCC EXOL
GENERAL INFORMATION**



PRODUCTS & MARKET

*See our products
catalogues!*



**CSR & SUSTAINABLE
DEVELOPMENT**

PCC GROUP

GENERAL INFORMATION

INTERNATIONAL HOLDING

PCC GROUP IN NUMBERS

PCC is an internationally operating group of companies under the leadership of PCC SE (formerly PCC AG) based in Duisburg, Germany.



41

different locations



18

countries



3 500

employees



82

companies

INTERNATIONAL HOLDING



PCC GROUP IN NUMBERS

PCC Group sales soared from just under EUR 60.0 million in the first financial year - 1994, to EUR 716,2 million in 2020.

60,0 mln € → **716,2 mln €**
1994 2020



Chemicals



Energy

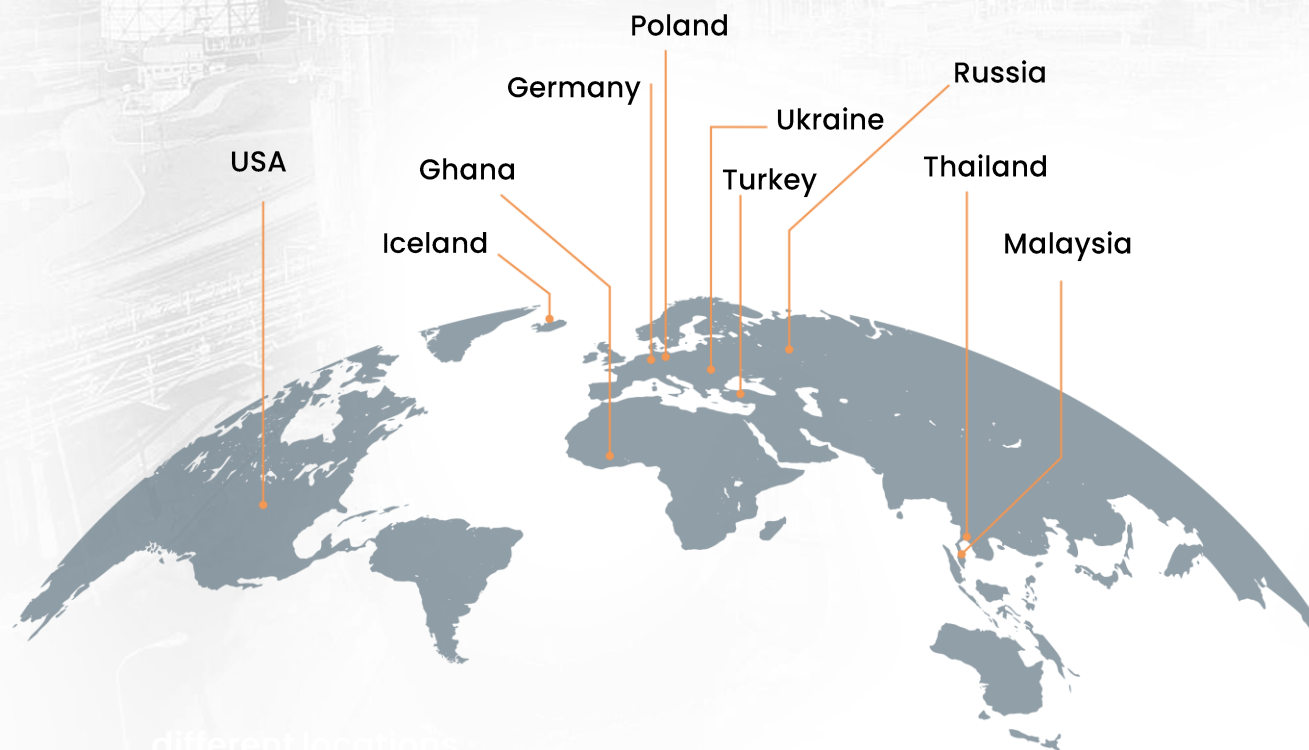


Logistics

PCC Group sales are generated in 3 divisions - Chemicals, Energy and Logistics.

COMPANY & THE MARKET

PCC GROUP LOCATIONS



LOCATIONS

Germany

Duisburg**
Essen
Frankfurt (Oder)
Hamburg
Oberhausen

Belarus

Grodno

Bosnia and Herzegovina

Sarajevo

Bulgaria

Sofia

Czech Republic

Český Těšín

Iceland

Húsavík

Latvia

Ventspils

Macedonia

Skopje

Poland

Brzeg Dolny
Czechowice-Dziedzice
Dębica
Gdynia
Gliwice
Kędzierzyn-Koźle
Kutno
Płock
Żółwin
Zagórze

Ukraine

Lviv

Africa

Ghana
Accra

Asia

Thailand
Bangkok

Romania

Râmnicu Vâlcea

Russia

Kaliningrad
Moscow
Pervomaysky

Slovakia

Košice

Turkey

Istanbul

Malaysia

Kuala Lumpur

INNOVATIVE SOLUTIONS & TECHNICAL SUPPORT

PCC GROUP R&D



DIVISION

SEGMENTS							
PCC Rokita SA	PCC Rokita SA	PCC Rokita SA	PCC Exol SA	PCC Consumer Products SA	PCC Rokita SA	PCC Intermodal SA	PCC SE
POLYOLS	CHLORINE	SPECIALITY CHEMICALS	SURFACTANTS	CONSUMER PRODUCTS	ENERGY	LOGISTICS	HOLDING
							

BUSINESSS UNTIS

- | | | | | | | | |
|---|--|--|--|--|---|--|---|
| <ul style="list-style-type: none"> • Polyols • Polyurethane Systems | <ul style="list-style-type: none"> • Chlorine • MCAA • Other Chlorine Downstream Products | <ul style="list-style-type: none"> • Phosphorus & Naphthalene Derivatives • Alkylphenols • Chemicals & Commodity trading • Quartzite | <ul style="list-style-type: none"> • Anionic Surfactants • Non-ionic Surfactants • Amphoteric Surfactants (betaines) • Chemical formulations | <ul style="list-style-type: none"> • Household & industrial Cleaners, Detergents and Personal Care Products • Matches & firelighters | <ul style="list-style-type: none"> • Renewable Energy • Conventional Energy | <ul style="list-style-type: none"> • Intermodal transport • Road Haulage • Rail Transport | <ul style="list-style-type: none"> • Investment management • Projects • Services |
|---|--|--|--|--|---|--|---|

PCC EXOL

GENERAL INFORMATION

ABOUT PCC EXOL SA

PCC EXOL IN NUMBERS

PCC Exol is the unquestionable leader in its industry in the Eastern and East-Central Europe. Most of the production facilities and the company headquarters are located in Brzeg Dolny near Wrocław. It is here that we design, test, and manufacture a wide range of anionic, nonionic, amphoteric surfactants and specialized industrial formulations.



We deliver products to more than
700 CUSTOMERS



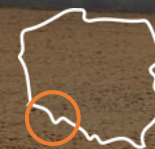
PCC EXOL SA
revenue in 2020
MPLN 566,3



We have more than
260 EMPLOYEES



We supply more than
450 PRODUCTS
for various industrial
applications



Our production sites
BRZEG DOLNY AND PŁOCK



Total annual
production capacity
127.000 TONS

ABOUT PCC EXOL SA

WHO WE ARE?

We belong to the international **PCC SE Capital Group**.

Our Company is a combination of modern technologies, experience and effective actions in the field of designing, manufacturing and sales of surfactants.

We conduct our manufacturing design in two locations:
Brzeg Dolny and Płock.



STATE OF THE ART MANUFACTURING

PCC EXOL SA PRODUCTION CAPACITY

Production flexibility in scope of:

- Raw material usage
- Production of various surfactants and chemical formulations
- Production of various business lines

Sulfonation plant No I
(approx. 10 k t/y) anionic products

Sulfonation plant No II
(approx. 30 k t/y) anionic products

Ethoxylation plant No I
(approx. 30 k t/y) non-ionic and amphoteric products

Amphoteric plant
(approx. 10 k t/y)

Industrial Formulations
(approx. 7 k t/y)

Ethoxylation plant No II
(approx. 30 k t/y) non-ionic products

Płock

Brzeg Dolny

STATE OF THE ART MANUFACTURING

PCC EXOL SA PRODUCTION CAPACITY

PETROCHEMICALS

ETHYLENE OXIDE
PROPYLENE OXIDE



SYNTHETIC FATTY
ALCOHOLS



OLEOCHEMICALS

NATURAL OILS
(COCONUT, RAPESEED ETC)



NATURAL FATTY
ALCOHOLS



ANIONIC, NONIONIC, CATIONIC, AMPHOTERIC SURFACTANTS

6

manufacturing
plants

over

450

products and
formulations

PRODUCTS & MARKET

OUR OFFER ON THE PCC GROUP PRODUCTS PORTAL

WIDE PRODUCT PORTFOLIO



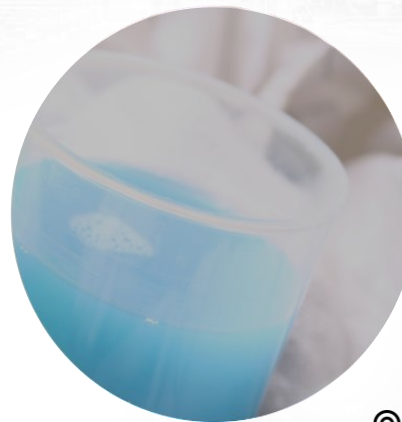
Detergents

- Base surfactants
- Cleansing agents
- Emulsifiers
- Foaming agents
- Low foaming agents
- Degreasing agents
- Wetting agents



Personal Care

- Base surfactants
- Foaming agents
- Wetting agents
- Blends for cosmetics
- Thickening agents
- Cleansing agents
- Emulsifiers



I&I Cleaning

- Base surfactants
- Cleansing agents
- Corrosion inhibitors
- Degreasing agents
- Low foaming agents
- Anti-foaming agents
- Wetting agents
- Emulsifiers

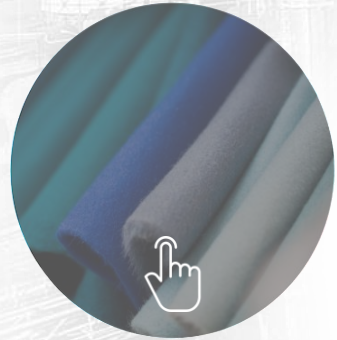


Pharmaceuticals

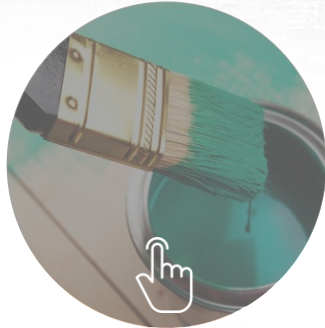
- Excipients – functional additives for pharmaceutical final dosage forms

OUR OFFER ON THE PCC GROUP PRODUCTS PORTAL

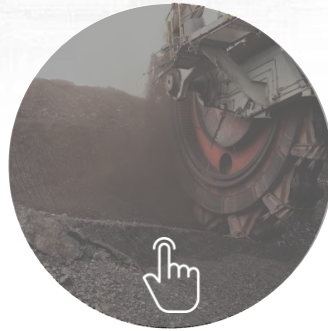
WIDE PRODUCT PORTFOLIO



TEXTILE & TANNING



PAINTS & COATINGS



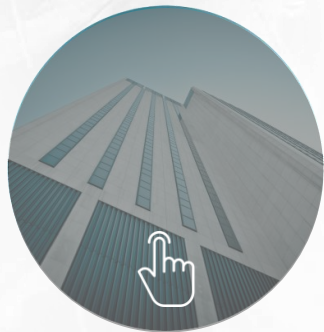
MINNING & DRILLING



PULP & PAPER



**OILFIELD & FUEL
INDUSTRY**



**BUILDING &
CONSTRUCTION**



**FOOD INDUSTRY &
PACKAGING**



AGROCHEMICALS



**METALWORKING &
LUBRICANTS**



POWER INDUSTRY

OUR OFFER PRODUCT CATALOGUES

WIDE PRODUCT PORTFOLIO

SEE OUR

Product catalogues
and brochures:



OUR OFFER ON PRODUCT CATALOGUES

PCC EXOL OFFER

Product Catalogues:



Agrochemicals



Building Industry



Lubricants & Metalworking



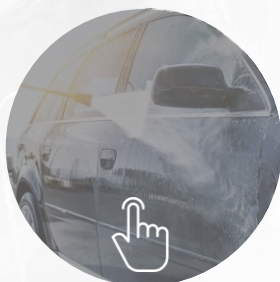
Oil & Gas Field



Emulsion Polymerization



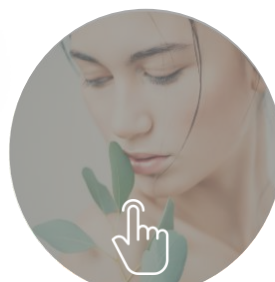
Polymer Additives



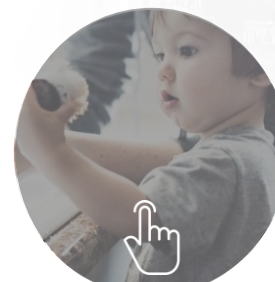
AutoCare



Pharmaceutical



Personal Care



Detergents



Paints & Coatings



Pulp&Paper

OUR OFFER ON PRODUCT CATALOGUES

PCC EXOL OFFER

Product Catalogues:



ROKAnols NL Series



ROKAnols IT Series



ROKAmin K15K



ROKAnols GA Series



Block Copolymer Agents



ROKAnols LP Series



Anti-Foaming Agents



EXOlat Series



EXOfos Series



ROKAnols GT Series



ROKAcet K10



ROKAcet LPK

OUR OFFER ON PRODUCT CATALOGUES

PCC EXOL OFFER

Formulation Zone:



*Cosmetic
formulations*



*Dishwasher
detergents*

CSR & SUSTAINABLE DEVELOPMENT

CSR & SUSTAINABLE DEVELOPMENT

GENERAL PILLARS

Planning long-term goals in our Company is closely connected with guidelines resulting from the adopted Sustainable Development Policy and Social Business Responsibility. Development of our activity and guidelines of the defined idea of sustainable development interpenetrate, building a new approach to the management of our organization.

Normative acts:

[ENVIRONMENTAL POLICY](#)

[CORPORATE SOCIAL RESPONSIBILITY AND SUSTAINABLE DEVELOPMENT POLICY](#)

[DIVERSITY POLICY](#)

[MARKETING COMMUNICATION POLICY](#)

[ANTI-ABUSE POLICY](#)

[SUSTAINABLE PALM OIL & DERIVATIVES PRODUCTION POLICY](#)

[RSPO Certificate](#)

[CODE OF CONDUCT](#)

[CODE OF ETHICAL CONDUCT FOR THE SUPPLIERS](#)

We maintain the adopted **Corporate Social Responsibility & Sustainable Development Policy**, which takes into account the long-term business strategy in 4 pillars:



MARKET



ORGANISATION



SOCIETY



ENVIRONMENT

CSR & SUSTAINABLE DEVELOPMENT

MOST IMPORTANT CERTIFICATES & PROGRAMS



Being a member of CEFIC, we create a coalition of chemical manufacturers, with whom we strengthen the sustainable bases of the chemical industry supporting competitiveness, innovations and responsible manufacture.



Being a manufacturer of surfactants associated in CESIO, we conduct an open dialogue, contributing to shaping of the trends and challenges of sustainable manufacture of surfactants



The system of Good Manufacturing Practices (GMP), being compliant with the guidelines of the European Federation for Cosmetic Ingredients (EFfCI), constitutes reliable and objective evidence of the quality of our products for the manufactures of cosmetics all over the world.



Reporting our actions on ECOVADIS, an international platform, we have achieved the golden level of the Corporate Social Responsibility. We are one of few Polish enterprises that have performed a complex self-assessment in the field of CSR activity.



As a member of the Commission for Sustainable Development, we have signed a declaration of the chemical trade relating to actions aimed at Sustainable Development.



As a signatory, of UN Global Compact, we realise 17 objectives of the sustainable development for environmental protection, respect for human rights and counteracting of corruption.



We maintain the Responsible Care Framework Management System, which confirms our commitment for realisation of actions in the field of environmental protection, process safety and health protection.



Being one of the certified members of RSPO, we actively support sustainable management of palm oil in the world.



We are a signatory of the Charter of Diversity, thus accepting the undertaking to promote the ban on discrimination in the workplace and to promote the issue of diversity in the Company and in its external environment



Participating in international Carbon Disclosure Project, we co-participate in counteraction of climatic changes.

CSR & SUSTAINABLE DEVELOPMENT

GREENLINE

In the face of challenges relating to sustainable production and consumption, one of PCC EXOL's priorities in the field of extending its portfolio is to develop a range of products that match the green chemistry trend. In times when the industry is increasingly aware and responsible for the environment and climate change, a particular focus on 'green' and ecological production becomes more important than ever before. Taking part in the green transformation of global chemical industry, PCC EXOL SA offers product in the GREENLINE™ segment.

70% of total production is delivered to our customers in bulk (road tankers).

Green Chemistry

Acting within the international structures of PCC Group enables us to create and develop in many directions, together setting trends of sustainable chemistry.

[Green Chemistry](#)
[Green Chemistry PCC EXOL Offer](#)



CSR & SUSTAINABLE DEVELOPMENT

GREENLINE CHEMISTRY

SUSTAINABLE PRODUCTION OF CHEMICAL PRODUCTS FOR INDUSTRY – KEY BENEFITS

- using raw materials that come from renewable sources
- planning and implementing production processes in a way to minimise the use of hazardous substances
- developing products with regard to their biodegradation and emission potential
- reducing the use of solvents and other harmful substances
- real-time control over the processes that may generate hazardous substances
- applying energy efficient production technologies

GREEN CERTIFICATES



GREENLINE PRODUCTS OF PCC EXOL:

- Based on natural ingredients
- Biodegradable products
- Vegan
- Not classified according to CLP/GHS Regulation
- Safety and energy efficiency

*See our green
chemistry offer*



CSR & SUSTAINABLE DEVELOPMENT

MARKET PILLAR

PCC EXOL SA attaches great weight to ensuring of continuous development of the Company through observance of applicable law and adopted provisions as well as through creation of the conditions for the employees which allow for free expression of opinions relating to the occurring problems and for taking of specific actions preventing violation of the applied standards. Ethical conduct in relation to all stakeholders plays a very important role in the system of values of PCC EXOL. Violation of these principles is not only contrary to these values but also impairs reputation of the Company and may have serious legal consequences.



CSR & SUSTAINABLE DEVELOPMENT

ORGANISATION PILLAR

MANAGEMENT SUPPORT IN THE COMPANY

Support in management processes in PCC EXOL SA includes systems which are based on the way they work and allow for the optimizing of processes in specific areas of the company's operations such as production, sales, planning, logistics, purchasing of raw materials, and quality assurance.

Management systems allow us to develop and advance more harmoniously and dynamically. Using this approach, we can optimize the management of processes and communication in the Company and improve cooperation between departments.

By maintaining and refining management systems in the area of quality, environment, occupational health and safety, we meet the requirements of our customers and other stakeholders who expect us to guarantee that standards in the implementation of business processes will be maintained. We are aware of our role and responsibilities that result from the adopted guidelines in each of the systems.

NORMATIVE ACTS:

[ISO 9001 CERTIFICATE](#)
[ISO 14001 CERTIFICATE](#)
[ISO 50001 CERTIFICATE](#)
[ISO 45001 CERTIFICATE](#)

[QUALITY POLICY](#)
[ENVIRONMENTAL POLICY](#)
[ENERGY POLICY](#)



We have implemented and we maintain certified Integrated Management System (IMS) based on ISO 9001 and ISO 14001 standards, which is the guarantee of high quality of products, customer's satisfaction and management of environmental protection.



We have expanded our IMS with ISO 45001 Standard, which constitutes the guarantee of fulfilment of the requirements in the field of occupational health and safety.

SYNERGY

IS OUR STRENGTH

Acting within the international structures of PCC Group enables us to create and develop in many directions, together setting trends in modern chemistry.

PCC EXOL SA

Sienkiewicza 4, 56-120 Brzeg Dolny, Polska

T: +48 71 794 21 27, F: +48 71 794 21 89

E: products@pcc.eu

www.products.pcc.eu

PCC SE

Moerser Str. 149 47198, Duisburg, Germany

T: +49 (0) 2066 20 19 0, F: +49 (0) 2066 54 68 2,

E: sales@pcc.eu

www.pcc.eu