



PCC GROUP PORTFOLIO PRESENTATION

OUR WAY TO SPECIALITY

CORPORATE VIDEO

www.products.pcc.eu

INTERNATIONAL HOLDING

PCC GROUP IN NUMBERS



41

different locations



18

countries



3,500

employees



82

companies

PCC is a group of companies operating internationally under the leadership of PCC SE based in Duisburg, Germany.

INTERNATIONAL HOLDING

PCC GROUP IN NUMBERS



Chemicals



Energy



Logistics

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

€ 59.4 million → **€ 767.8 million**
1994 2019

PCC Group sales soared from just under EUR 59.4 million in the first financial year (1994), to EUR 767.8 million in 2019.

COMPANY & MARKET

PCC GROUP LOCATIONS*



North America

USA

Piedmont
(Greenville County, SC)



Africa

Ghana

Accra

Asia

Thailand

Bangkok

Europe

Germany

Duisburg**
Essen
Frankfurt (Oder)
Hamburg

Belarus

Grodno
Smilavichy

Bosnia and Herzegovina

Prusac/Donji Vakuf
Sarajevo

Bulgaria

Sofia

Czech Republic

Český Těšín

Iceland

Húsavík

Latvia

Ventspils

North Macedonia

Bradžino
Galičnik
Gradečka
Patiška
Skopje

Poland

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

Romania

Râmnicu Vâlcea

Russia

Kaliningrad
Moscow
Nizhny Novgorod
Shchekino

Slovakia

Košice

Turkey

Istanbul

Ukraine

Lviv

* PCC Group companies, regional offices, representative offices

** PCC Group Headquarters



80

chemists
and technicians



155

employees in analytical
laboratories



883,000

laboratory analyses
per year



4,200

m² of laboratories
area

- Specialized laboratories for chemical synthesis, scale-up and application testing
- New product development
- Customer technical support
- Analytical support
- Cooperation with universities and research centres

KEY LOCATIONS

PCC GROUP IN POLAND & USA

Brzeg Dolny

PCC Rokita SA

- Caustic Soda
- Polyether polyols
- Ipol
- Polymeric polyols (SAN)
- Phosphorus & Naphthalene derivatives

PCC PU Sp. z o.o.

- Polyester polyols
- PU Systems
- Prepolymers

PCC Exol SA

- Surfactants

PCC MCAA Sp. z o.o.

- MCAA

Kędzierzyn-Koźle

PCC Synteza SA

- Nonylophenols & dodecylphenols

Płock

PCC Exol SA

- Surfactants

Poland

Mysłowice

PCC Prodex Sp. z o.o.

- PU systems

PCC Chemax Inc.

- Surfactants and specialty products

USA

PRODUCT RANGE

PCC GROUP PORTFOLIO PRESENTATION

1,000 CHEMICAL PRODUCTS
for your company!

www.products.pcc.eu



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& CONSTRUCTION

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BUILDING & CONSTRUCTION

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

SEE OUR OFFER

BUILDING & CONSTRUCTION

PRODUCT PORTFOLIO

APPLICATIONS

PU BASED INSULATION

- Panels
- Spray systems
- OCF foams

CONSTRUCTION

- Concrete
- Mortars
- Gypsum

COATINGS

- Architectural
- Industrial
- Protective/intumescent systems

PRODUCTS & FUNCTIONS

- Polyols: polyethers and polyesters
- PU Systems
- Flame retardants
- Compatibilizers
- Dispersants
- Superplasticizers
- Wetting agents
- Fluidising agents
- Foaming agents
- Polyols
- Dispersants
- Wetting agents
- Stabilizers
- Defoamers
- Flame retardants
- Emulsifiers

LUBRICANTS & FUNCTIONAL FLUIDS

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

SEE OUR OFFER

LUBRICANTS & FUNCTIONAL FLUIDS

PRODUCT PORTFOLIO

APPLICATIONS

- Brake fluids
- Compressor oils
- Turbine oils
- Hydraulic oils
- Industrial lubricants
- Metal working fluids
- Hydraulic fluids for mining machines
- High temperature lubricants
- Fire resistant hydraulic fluids
- Food grade lubricants
- Heat transfer fluids
- Greases
- Refrigeration

PRODUCTS & FUNCTIONS

BASE STOCK OILS

- Polyalkylene glycol (PAG)
- Phosphate ester (HFDR)

ADDITIVES

- Antifoaming agents
- Corrosion inhibitors
- Antioxidants
- Extreme pressure
- Anti-wear
- Emulsifiers
- Solubilizers
- Wetting agents

ADHESIVES

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

[SEE OUR OFFER](#)

ADHESIVES

PRODUCT PORTFOLIO

FINAL USAGE

- Multifunctional adhesives
- Construction adhesives for sandwich panels
- Adhesives for blocks and boards from regenerated foam
- Adhesives for sport and leisure surfaces
- Mining adhesives

APPLICATIONS

- PU ADHESIVES
- EPOXY ADHESIVES
- UNSATURATED POLYESTER RESIN-BASED ADHESIVES

- WATER-BASED ADHESIVES

PRODUCTS & FUNCTIONS

RAW MATERIALS AND ADDITIVES:

- Polyether and polyester polyols
- Flame retardants
- Compatibilizers
- Plasticizers
- Prepolymers

PU SYSTEMS:

- One-component adhesives
- Two-component adhesives

- Dispersants
- Wetting additives
- Emulsifiers

PORTFOLIO PRESENTATION

PAINTS & COATINGS

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

[SEE OUR OFFER](#)

PAINTS & COATINGS

PRODUCT PORTFOLIO

APPLICATIONS

ARCHITECTURAL

INDUSTRIAL

PROTECTIVE/INTUMESCENT SYSTEMS

RAW MATERIALS AND ADDITIVES

- Polyols
- Stabilizers
- Flame retardants
- Emulsifiers
- Dispersants
- Wetting agents
- Defoamers
- Leveling additives
- Humectants
- Gloss improving agents
- Adhesion improving agents

PLASTICS

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

[SEE OUR OFFER](#)

PLASTICS

PRODUCT PORTFOLIO

APPLICATIONS

PVC INDUSTRY

POLYURETHANES

- Rigid Polyurethane (PUR/PIR)
- Flexible Polyurethane

THERMOSETS

- Epoxy
- Unsaturated Polyesters
- Phenolics

RUBBER INDUSTRY

- SBR, NBR, NR
- Latex and wax emulsions

ENGINEERING THERMOPLASTICS

PE, PP FOILS

RAW MATERIALS

- Polyether and polyester polyols
- Prepolymers

ADDITIVES

- Flame retardants
- Plasticizers
- Thermal and processing stabilizers
- Dispersing agents
- Emulsifiers
- Compatibilizers
- Release agents

- Corrosion inhibitors
- Antistatic agents
- Antifogging agents

PVC INDUSTRY

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

SEE OUR OFFER

PVC INDUSTRY

PRODUCT PORTFOLIO

APPLICATIONS

- Conveyor belts
- Flooring
- Wall covering
- Films
- Cables
- Electric wires
- Cinema screens
- Artificial leather
- Tarpaulins
- Foils

PRODUCTS & FUNCTIONS

- Flame retardant plasticizers
- Thermal and processing stabilizers
- Antistatic agents
- Antifogging agents
- Corrosion Inhibitors

TRANSPORTATION

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

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TRANSPORTATION

PRODUCT PORTFOLIO

FINAL USAGE

CAR INTERIORS

- Seats, headrests, armrests
- Cockpits
- Headlining
- Steering wheels
- Door panels

BODY PANELS

- Bumpers
- Mirror housings

REFRIGERATED TRUCKS

TARPAULINS

OTHER APPLICATIONS

APPLICATIONS

FLEXIBLE FOAMS

- Conventional foams
- Combustion modified HR foams

INTEGRAL FOAMS

SEMI-RIGID FOAMS

- Acoustic insulation

RIGID FOAMS

- Thermal insulation



PRODUCT & FUNCTIONS

PU SYSTEMS

RAW MATERIALS

- POLYETHER POLYOLS

- Standard
- Standard CPP
- HR Standard
- HR/CPP
- HR Performance
- Visco

- POLYESTER POLYOLS

- PET base
- PA base

ADDITIVES

- Flame retardants
- Processing stabilizers
- Cell openers
- Dispersants
- Emulsifiers

FURNITURE

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

SEE OUR OFFER

FURNITURE

PRODUCT PORTFOLIO

FINAL USAGE

UPHOLSTERED FURNITURE

- Sofas
- Chairs
- Armchairs

ARTIFICIAL LEATHER

MATTRESSES

CUSHIONS

APPLICATIONS

- Conventional foams
- High resilience foams
- Combustion modified HR foams
- Viscoelastic foams MDI & TDI base
- Soft & hypersoft foams

PRODUCT & FUNCTIONS

PU SYSTEMS

RAW MATERIALS

POLYETHER POYOLS

- Standard
- Standard CPP
- HR Standard
- HR/CPP
- HR Performance
- Visco

ADDITIVES

- Flame retardants
- Cell openers
- Crosslinkers

AGROCHEMICALS

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

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AGROCHEMICALS

PRODUCT PORTFOLIO

APPLICATIONS

ADJUVANTS

- Compatible with glyphosate
- Spray retention aids
- Spreading aids
- Rainfastness aids
- Leaf penetration aids

FERTILIZERS

- Foliar

PESTICIDES

- Herbicides
- Insecticides
- Fungicides

PRODUCTS & FUNCTIONS

- Wetting agents
- Emulsifiers
- Low foaming agents
- Dispersants

- Wetting agents
- Low foaming agents
- Inorganic phosphorus compounds

- Wetting agents
- Low foaming agents
- Defoamers
- Dispersants
- Emulsifiers

TEXTILE

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

[SEE OUR OFFER](#)

TEXTILE

PRODUCT PORTFOLIO

APPLICATIONS

SPINNING

PRETREATMENT

- Desizing agents
- Scouring agents
- Bleaching agents

DYEING

FINISHING

COATING

PRODUCTS & FUNCTIONS

- Wetting agents
- Emulsifiers
- Low foaming agents
- Dispersants

- Wetting agents
- Emulsifiers
- Low foaming agents
- Dispersants
- Hydrotropes
- Solubilizers
- Washing & cleaning agents

- Wetting agents
- Low foaming agents
- Dispersants

- Wetting agents
- Emulsifiers
- Low foaming agents
- Dispersants
- Softening agents

- Flame retardants
- Plasticizers

MINING

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

SEE OUR OFFER

MINING

PRODUCT PORTFOLIO

APPLICATIONS

MINING CHEMICALS

PRODUCTS & FUNCTIONS

- Copper flotation collectors
- Hydrophobic (e.g. coal) dust wetting agents
- Emulsifiers
- Hydraulic fluids for mining machines
- Hardening agents for heap and dumps of mined raw materials
- Adhesives and chemical anchors for mining applications



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Group

TUNNELLING & DRILLING

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

SEE OUR OFFER

TUNNELLING & DRILLING

PRODUCT PORTFOLIO

APPLICATIONS

ADHESIVES

ADDITIVES

- PU adhesives
- Dispersants
- Wetting agents
- Emulsifiers
- Foaming agents
- Lubricants for drilling machines
- Additives for drilling muds

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OILFIELD

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

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OILFIELD

PRODUCT PORTFOLIO

APPLICATIONS

READY TO USE PRODUCTS

- Oil demulsifiers
- Paraffin inhibitors
- Corrosion inhibitors
- H₂S scavengers

ADDITIVES

- Dispersants
- Emulsifiers

PERSONAL CARE & COSMETICS

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

[SEE OUR OFFER](#)

PERSONAL CARE & COSMETICS

PRODUCT PORTFOLIO

APPLICATIONS

PERSONAL CARE PRODUCTS

COSMETICS

- Base surfactants & co-surfactants
- Cleansing agents
- Emulsifiers:
 - solubilizers,
 - dispersants,
 - hydrotropes,
 - emollients,
 - humectants
- Foaming agents
- Wetting agents
- Cosmetics formulations

PHARMACEUTICALS

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

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PHARMACEUTICALS

PRODUCT PORTFOLIO

FINAL USAGE

RAW MATERIALS FOR API* PRODUCTION
(ACTIVE PHARMACEUTICAL INGREDIENTS)

EXCIPIENTS / ADDITIVES FOR
PHARMACEUTICAL FORMULATIONS*

STERILIZATION OF MEDICAL DEVICES*

*Products which meet the quality requirements of
European Pharmacopeia

PRODUCTS & FUNCTIONS

- Inorganic phosphorus compounds
- MCAA
- Chlorine derivatives
- Solubilizers
- O/W emulsifiers
- Solvents
- Humectants
- Formulation stabilizers
- pH regulators and modifiers
- Bactericides

DETERGENTS, I&I CLEANING

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

SEE OUR OFFER

DETERGENTS, I&I CLEANING

PRODUCT PORTFOLIO

APPLICATIONS

I&I CLEANING

PRODUCTS & FUNCTIONS

- Antifoaming agents
- Base surfactants
- Cleansing agents
- Corrosion inhibitors
- Degreasing agents
- Dispersants
- Emulsifiers
- Foaming agents
- Low-foaming agents
- Wetting agents

DETERGENTS

- Base surfactants
- Cleansing agents
- Emulsifiers
- Foaming agents
- Low foaming agents
- pH regulators
- Softening agents
- Wetting agents

PORTFOLIO PRESENTATION

FOOD INDUSTRY

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

SEE OUR OFFER

FOOD INDUSTRY

PRODUCT PORTFOLIO

FINAL USAGE

FOOD PACKAGE ADDITIVES*
STARCH OR SUGAR PROCESSING*

FOOD INDUSTRIAL CLEANING*

FOOD CONTACTING ADDITIVES*

* Defined as indirect food contact additives based on Positive Lists published by international organizations such as FDA or BfR

PRODUCTS & FUNCTIONS

- Antifoaming and low foaming agents
- Emulsifiers
- Resin components
- Lubricants for high-pressure processes
- Hypercompressors
- LDPE production
- Oxidizers
- Detergents
- Emulsifiers
- Lubricants
- Detergents
- pH Regulators

FIRE PREVENTION

SPECIALITY PRODUCTS AND FORMULATINS FOR INDUSTRY

SEE OUR OFFER

FIRE PREVENTION

PRODUCT PORTFOLIO

APPLICATIONS

FIREFIGHTING AGENTS

FOAM EXTINGUISHER FILLERS

CLEANING OF ROUGH SURFACES (E.G. ASPHALT)

PRODUCTS & FUNCTIONS

- Synthetic fire-fighting agents
- AFFF fluorosynthetic firefighting agents
- Wetting agents
- Speciality formulations for AB and ABF fires
- Degreasers

TANNING INDUSTRY

SPECIALITY PRODUCTS AND FORMULATIONS FOR INDUSTRY

[SEE OUR OFFER](#)

TANNING INDUSTRY

PRODUCT PORTFOLIO

APPLICATIONS

- TANNAGE
- RETANNAGE
- PADDING
- DEOILING
- OILING
- CLEANING
- REFINING
- FILLING
- FINISHING

PRODUCTS & FUNCTIONS

- Retanning agents
- Leather filling agents
- Deoiling agents
- Cleaning agents
- Auxiliary agents
- Oiling agents
- Leather refining agents
- Leather finishing agents
- Synthetic tanning agents (syntannins)

PULP & PAPER

SPECIALTY PRODUCTS AND FORMULATIONS FOR INDUSTRY

SEE OUR OFFER

PULP & PAPER

PRODUCT PORTFOLIO

APPLICATIONS

- PULP DEFOAMING
- PROCESS WATER DEFOAMING
- CHEMICAL DEFIBERING OF WOOD
- CLEANING
- DECOLORIZATION
- PAPER PREPARATION

PRODUCTS & FUNCTIONS

- Defoaming agents
- Cleaning agents
- Auxiliary defibering agents
- Wetting agents
- Auxiliary decoloration agents
- Blotting paper additives
- Paper preparation agents

OTHER APPLICATIONS

PRODUCT PORTFOLIO

-
- POWER INDUSTRY
 - WATER TREATMENT
 - PRINTING INKS



The background of the entire slide is a close-up photograph of several hands holding and fitting together white puzzle pieces. The lighting is soft, and the focus is on the hands and the puzzle pieces.

SYNERGY

IS OUR STRENGTH

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

PCC Group

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