

OUR FURTHER PRODUCT RANGES

water tech

- Flocculants and Coagulants
- Ferric and Aluminium Salts
- Biochemical Products
- Odour Control Aids
- Defoamers and Deaeration
- Special Products for Cooling, Boiler and Condensate Systems
- Make up and Dosing Systems

chemical tech

- Defoamers
- Powder Defoamers and Specialties
- Wetting and Dispersion Agents and Additives
- Mineral Flame Retardants
- Thickeners and Rheology Additives
- Pigments and Fillers
- Agricultural Products
- Filter Aid
- Dust control
- Waxes

machine tech

- Solar Drying Systems
- Complete Solutions and System Components for Mechanical Sludge Dewatering
- Process Engineering
- Components of a Mechanical Sewage Treatment Plant
- Low Temperature Conversion
- Machinery Service / Spare Part Sales
- Fully Automatic Belt Drier

enviro tech

- Odour Control Aids and Application Systems for Several Industries and Commercial Applications
- Biochemical Products
- Leading-Edge Technology to provide continuous on-site Odour Monitoring and Dispersion Modelling
- Portable Measurement Instrument for Capture and Transmission of Gas Concentration in Air and internet based Acquisition, Transmission and Visualisation of any analogue and/or digital Measurement Value

Subsidiaries

APPLIED CHEMICALS INTERNATIONAL GROUP

ACAT Basle

Neubadstrasse 7
4015 Basle, Switzerland
Tel: +41 (61) 282 82 80
Fax: +41 (61) 282 82 89
office-basel@acat.com

ACAT Bradford

Titan House, Cleckheaton
Bradford, BD19 5DN, UK
Tel: +44 (1274) 866 851
Fax: +44 (1274) 866 833
office-uk@acat.com

ACAT Milan

Viale A. Doria, 42
20124 Milan, Italy
Tel: +39 (02) 919 834 19
Fax: +39 (02) 919 834 20
office-milano@acat.com

ACAT International

Neubadstrasse 7
4015 Basle, Switzerland
Tel: +41 (61) 282 82 80
Fax: +41 (61) 282 82 89
international@acat.com

ACAT Budapest

Budaörsi út 165. II/1
1112 Budapest, Hungary
Tel: +36 (1) 224 03 22
Fax: +36 (1) 224 03 21
office-budapest@acat.com

ACAT Vienna

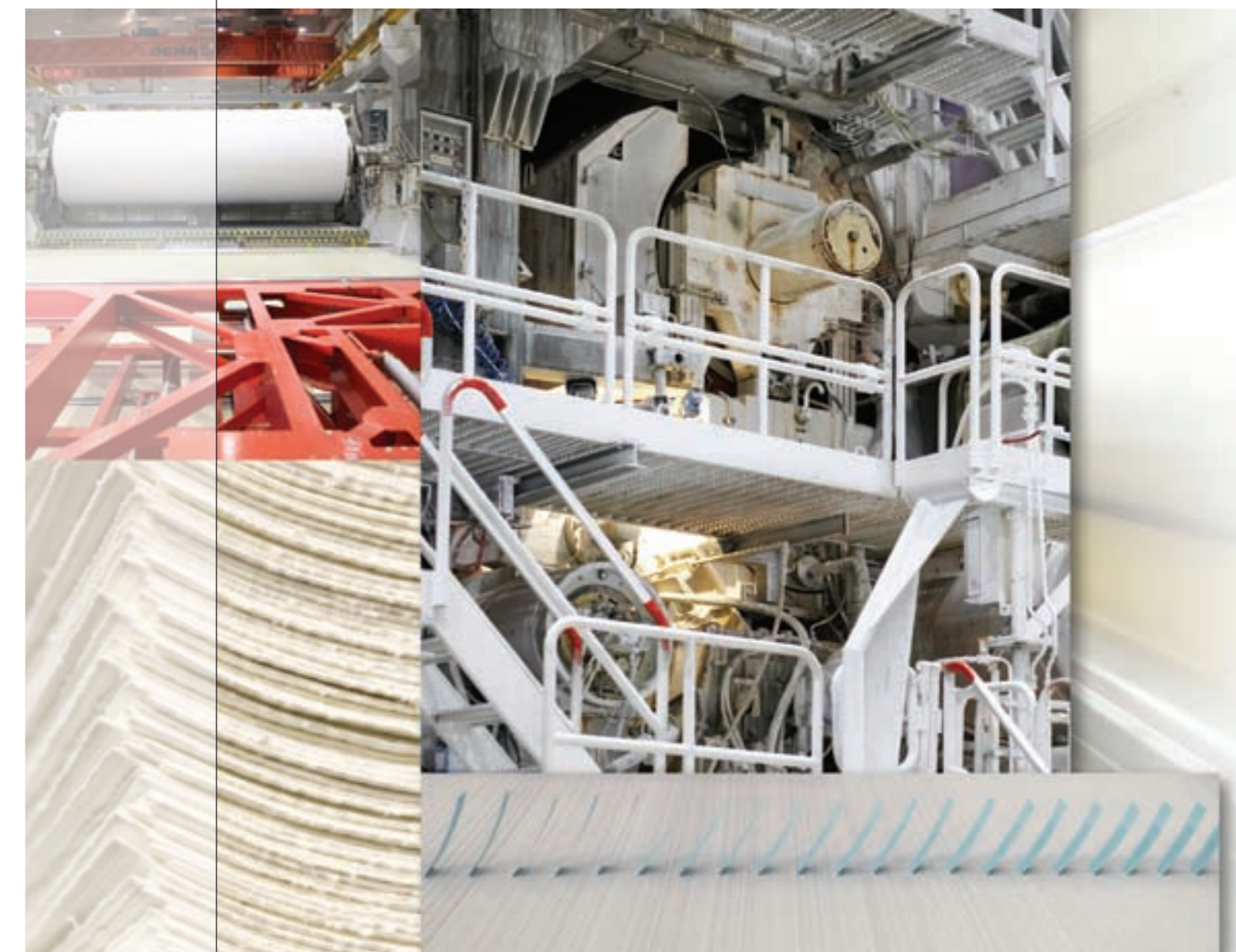
Wolfgang Pauli Gasse 3, P.O. Box 2
1147 Vienna, Austria
Tel: +43 (1) 979 34 73 0
Fax: +43 (1) 979 34 73 -14555
office-wien@acat.com

Further Locations

Belgium – France – Germany –
Netherlands – Singapore – Spain – Turkey

Tel: +41 (61) 282 82 80
Fax: +41 (61) 282 82 89
international@acat.com

Applied Chemicals Anwendungstechnik
Technical Service is our Success



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Your Partner for Business in Europe.

paper tech

FINE CHEMICALS AND SPECIAL PRODUCTS

RETENTION AND DEWATERING SYSTEMS

Our products are used on the largest and fastest paper machines throughout the world. State-of-the-art headboxes demand a great deal of the chemicals used and require specially adapted retention and dewatering systems.

The micro-particle systems are optimal products with regard to sheet formation, retention and dewatering. In addition, our range provides optimised systems for every paper quality, to meet all runability and performance requirements.

FIXATIVES

We offer a wide range of organic and inorganic coagulants and fixatives. With our proprietary ACAT Pitch Counter (APC) analysis method, we are able to determine the optimal treatment strategy to combat stickies and deposits.

The products can be used individually or in combined systems in order to achieve optimal results regarding fixation, charge control and fines retention.

BENTONITES

We offer Bentonites for a wide variety of applications as micro particle component in retention- and drainage systems, water treatment and as a passivation agent for sticky control. We can carry out appropriate laboratory tests to find the best product for you and your requirements.

DRY STRENGTH PRODUCTS

We have developed a product range to meet the rising standards of paper production with regard to strength and runability. Our patent-pending technology also covers the make up and dosing units as well as the chemicals. With these products we are able to reduce the dosage of starch or provide equal strength performance at lower basis weight. Furthermore higher production rate through reduced brake frequency can be achieved.

COATING AND SIZING ADDITIVES

We offer you a wide range of special products, which are very well suited for application in all surface treatments for paper. Our technical support team would be pleased to advise you.

FLOCCULANTS

These are highly effective, synthetic flocculants particularly developed for the solid/liquid separation in communal and industrial sludge and water treatment.

These are high-molecular weight, soluble polymers based on acrylamide. The polyelectrolytes of this range of products cover a wide scope of molecular weights and charge densities and thus ensure effective flocculation over a wide range of applications. The products are available in solid form (bead or powder) and in liquid form as dispersions and emulsions.

DEFOAMERS AND DEAERATORS

Our defoamers and deaerators are highly effective products available for many different applications. These products can positively influence paper, cardboard and pulp production processes.



MAKE UP AND DOSING SYSTEMS

POLYMER MAKE UP UNITS

20 years of experience in polymer processing and dosing allowed us the development of almost service free make up and dosage units of any size and for any application field.

BENTONITE DISPERSION UNITS

The units are designed for Bentonite preparation. Beside standard units we can tailor make equipment for individual customer needs.

DOSING SYSTEMS

We supply tailor made systems for all customers demands including all necessary parts, such as pumps, flow meters, filters and DCS-connections.

