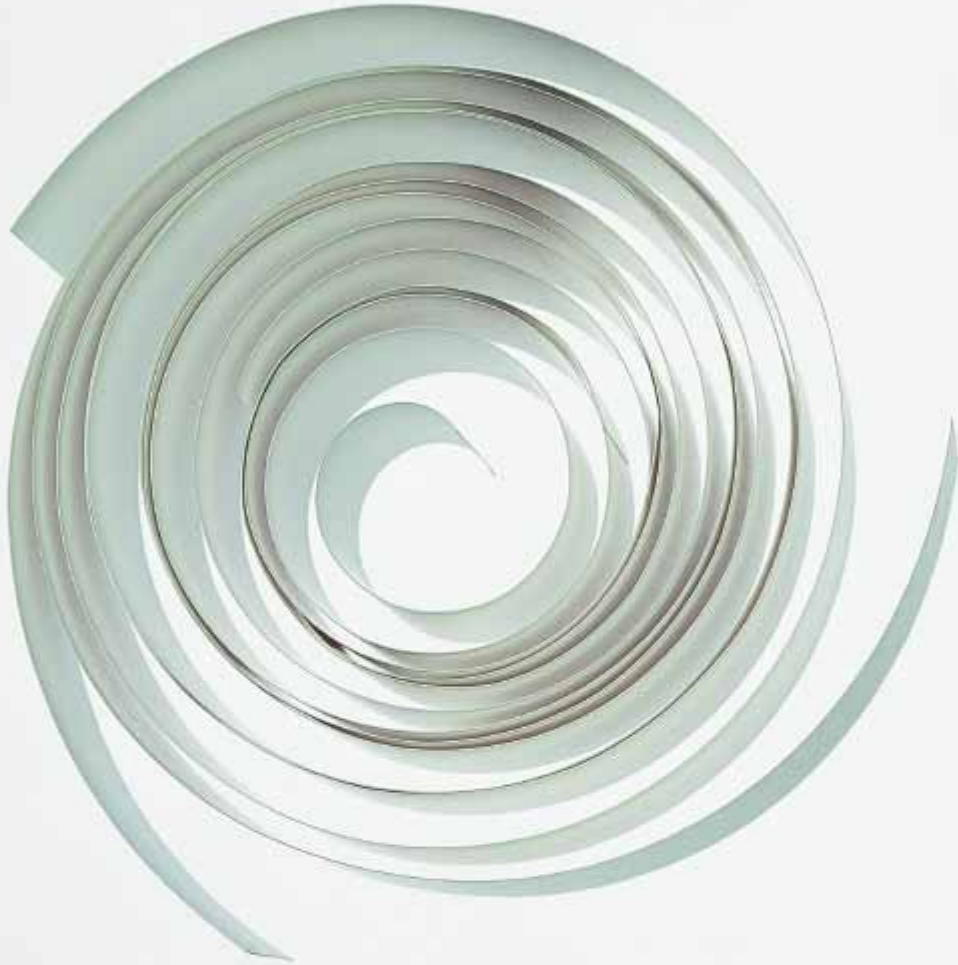


# Z-PROFILE

Ziegler Paper Mill



 CORPORATE DESIGN

 NATURAL DESIGN

 CAD/OFFICE

 SPECIALTIES



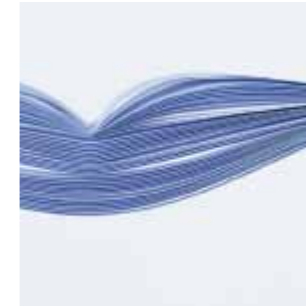
## Overview

### ZIEGLER PAPER MILL



### ■■■■ CORPORATE DESIGN

Z-Offset (Z-Mail Supra)  
Z-Bond Classic



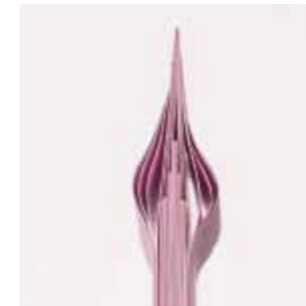
### ■■■■ NATURAL DESIGN

Z-Offset W  
Z-Copy W



### ■■■■ CAD/OFFICE

Z-Plot 450  
Z-Plot 650  
Z-Evolution  
Z-Laser Color



### ■■■■ SPECIALTIES

Z-Script  
Z-Pharma  
Z-Release



## The Ziegler Company

We at Ziegler Paper Mill have a vision. We produce high quality woodfree papers for the graphical industry and special papers for industrial further processing. As a small family-owned company competing against the big players in this industry we need to be innovative in order to stay in business. To this end we have developed the following competitive advantages:

- We restrict ourselves consistently to niche markets, applications and services and pursue a strategy that attaches great importance to branding.
- We support our customers by offering complete solutions and individual advice. We have above-average know-how in our areas of business.
- Being a small-sized company we can offer more intensive personal support than our competitors. We also have a first-rate network of connections to help serve the interests of our customers.

■ We cultivate a special corporate culture that is based on the daily commitment of the company management to our customers and our company. As a result our co-workers identify strongly with the company – a positive contrast to the impersonal management style that is the norm at companies in our industry.

As a company that takes its responsibilities seriously Ziegler Paper Mill stands not only for products of impeccable quality but also for an innovative and sustainable environmental strategy and maximum workplace safety. Since April 2008, Ziegler Paper Mill has had a total quality management system in place. Quality: ISO 9001: 2008; environment: ISO 14001:2004; FSC SQS-COC-024310; work health and safety: OHSAS 18001:2007.



State-of-the-art technology

FACTS

**Activity** Manufacture of premium quality, woodfree fine papers and specialties  
**Product lines** Corporate Design, Natural Design, CAD/Office, Specialties  
**Plant & equipment** PM 3, slitter-winder, large-format sheet cutter, small-format sheet cutter; gas turbine/waste heat boiler (combined heat and power plant)  
**Annual output** approx. 72'000 tonnes (sales volume)  
**Wire width** 331 cm  
**Grammage** 40-250 gsm; 300 + 400 gsm pasted  
**Workforce** 182 employees working day and night shifts  
**Established** 1861

**TQM** Quality assurance ISO 9001:2008  
 Environmental quality system ISO 14001:2004, FSC SQS-COC-024310  
 Work health and safety OHSAS 18001:2007  
**Pulp** Standard pulp (ECF/TCF) from internationally recognised wood certification programmes.  
 Supplied with FSC certificate at customer's request. Transport primarily by rail and water  
**Water** Own ground water well; high level of recycling  
**Energy** Produces own electricity and steam from combined heat and power generation  
**Waste air** The company has been exempted from the Swiss government's CO<sub>2</sub> levy

Would you like further information? Then please visit our website at [www.zieglerpapier.com](http://www.zieglerpapier.com) or contact us directly. We look forward to your call.

If you have questions about your own specific application, you will find the answers at our website - [www.zieglerpapier.com](http://www.zieglerpapier.com)

Mat-online calender, 2 nips

Drying section II

Film coater, application on both sides

Drying section I

Press section with extended nip «shoe»

Wire section with top-former

Approach flow system with - circular distributor - hydraulic headbox





Z-Offset (Z-Mail Supra)  
Z-Bond Classic



Extra-white, all-round papers for communicative applications that demand quality and style

The quality to inspire

An all-rounder with that certain something

**Corporate Design** is our line of top-quality, extra-white all-round papers available in weights from 40 to 400 gsm. **Z-Offset (Z-Mail Supra) and Z-Bond Classic differ only in their extensive range of applications and are ideal for use with our extra-white CAD/Office papers. Thanks to their identical shade of colour and surface texture, all these papers can be combined together for perfect results. Corporate Design is the multifunctional all-in-one solution with guaranteed brightness and quality – for a uniform visual identity from A to Z.**

**Z-OFFSET (Z-MAIL SUPRA)**

Thanks to its excellent levels of quality consistency, brightness, opacity and volume, this offset paper meets the most stringent demands. Accurate cutting and tight surface structure guarantee outstanding offset printing properties. Designated Z-Mail Supra, the same quality is the perfect choice for conversion into envelopes thanks to its excellent sizing, superior interior printability and high level of opacity.

**Z-BOND CLASSIC**

This classic business paper has the ideal feel and moisture content for today's office systems. With a licence to do just about everything, the Z-Bond Classic is not only perfect for

laser, copying and inkjet applications, it is also perfect for pre-press work. Stability, optimum fibre distribution, texture and opacity are all of the highest standard to ensure that every print job is impeccable. The 90 gsm version is available with OCR certification and the 40/45/50 gsm versions with a GMP supplier certificate (for pharmaceutical package leaflets).

All Corporate Design papers are woodfree, acid- and chlorine-free, use neutral sizing and are aging-resistant.

Detailed technical specifications can be found at our website [www.zieglerpapier.com](http://www.zieglerpapier.com)

**APPLICATION AREAS**

- | All-in-one corporate identity solutions
- | Graphic arts/art printing
- | Offset printing
- | Digital printing
- | Drawing paper
- | Envelopes
- | CAD applications/inkjet and laser plotters
- | Large format copiers
- | Package leaflets (40/45/50 gsm)
- | OCR forms



**ADVANTAGES**

- | An identical surface finish and colour nuance on all papers from 40 to 400 gsm ensures consistency throughout the range
- | Any combination of Corporate Design papers will deliver a consistent feel to your corporate image
- | Versatile and flexible general purpose paper
- | Suitable for post-processing
- | Ideal for use in office equipment and printers
- | Z-Bond Classic with OCR certificate (90 gsm) and GMP supplier certificate (40/45/50 gsm)
- | Individual technical support and guidance



Z-Offset W  
Z-Copy W

Ecological creative papers  
with elegant natural shading

The quality to inspire

## Premium papers with a touch of green

**Natural Design is our line of top-quality, natural-white premium papers available in weights from 60 to 400 gsm. Z-Offset W and Z-Copy W differ only in their extensive range of applications and are ideal for use in combination. Thanks to their elegant natural shade, they represent the perfect ecological alternative to extra-white papers. Natural Design is the harmonious all-in-one solution with a touch of green – for a natural visual identity from A to Z.**

### Z-OFFSET W

Our creative offset paper in elegant natural white achieves new standards for quality and environmental friendliness in the graphics industry. It is a natural choice for art printing as well as for corporate use by companies who value its low environmental impact. Z-Offset W's agreeable, natural colour nuance is perfect for offset printing.

### Z-COPY W

When used as an eco-friendly copying, inkjet and laser paper, it impresses with excellent runnability and stackability. Its carefully controlled stiffness makes for excellent handling in printers and copiers. Z-Copy W is also ideally suited for prepress work.

The Natural Design range is produced in accordance with the ecological standard ISO 14001:2004 as well as with ISO 9001:2008. All papers are acid- and chlorine-free and use neutral sizing. The fibres used in the paper are supplied by pulp manufacturers with wood certification programmes such as ISO 14001, EMAS or FSC. No optical brighteners are added during the manufacturing process. The W in the product's name means that it helps preserve our woods and forests.

All Natural Design papers are woodfree and acid-free, have neutral sizing and excellent aging properties.

Detailed technical specifications can be found at our website [www.zieglerpapier.com](http://www.zieglerpapier.com)

### APPLICATION AREAS

- | Corporate identity total solutions
- | Graphic arts/art printing
- | Offset printing
- | Prepress work
- | Digital printing
- | Envelopes
- | Large format copies
- | OCR forms



### ADVANTAGES

- | Environmentally sound production process
- | An eco-friendly alternative to high white papers
- | Any combination of Natural Design papers will deliver a consistent feel to your corporate image
- | Elegant, natural shade of white
- | The identical surface finish and colour nuance on all papers from 60 to 400 gsm ensures consistency throughout the range
- | Versatile and flexible multi-purpose paper
- | Suitable for post-processing
- | Ideal for use in office equipment and printers
- | Z-Copy W with OCR certificate (90 gsm)
- | Individual technical support and guidance



Z-Plot 450  
Z-Plot 650  
Z-Evolution  
Z-Laser Color



Premium-grade papers  
for technical, graphic  
or digital applications

The quality to inspire

## Papers for the digital world

**Our Z-Plot line combines top-quality, extra-white all-round papers for all digital applications, large-format inkjet printing, transactional and transpromotional printing; while Z-Laser Color is a versatile product for colour laser and copier applications.**

### Z-PLOT 450

#### Laser and inkjet printing

Plotter paper for laser and inkjet plotters (LFP) and for high-contrast plots at both the beginning and end phase. The 56 gsm weight is the ideal paper for adhesive labels and fast test plots.

#### PPC

This fully-sized uncoated paper provides very good results in all black-and-white plots and for coloured lines. Z-Plot 450 is also suitable for laser plotters and plan copiers (PPC). Plots can be made on both sides with equally good results. The extra-white finish ensures very high contrast. Its fine surface differentiates Z-Plot 450 from standard mono-opaque papers.

#### Hybrid application

Four-colour offset prints combined with four-colour high-performance inkjet printing. Outstanding performance for offset printing with excellent colour density and perfect drop size for high-speed inkjet printing up to 150 metres per minute.

#### ADVANTAGES

- | Excellent brightness
- | Extraordinary opacity
- | Special calendering
- | High contrast
- | Outstanding colour density (monochrome)
- | Suitable for laminating
- | Sharp line quality

### Z-PLOT 650

#### CAD/GIS

Plotter paper for laser and inkjet plotters (LFP) and colour CAD plots + GIS. Perfect for high contrast at midrange resolution. Very good wet smear resistance! Both sides printable! Ideal all-round paper for everyday use. The surface treatment guarantees very good results for both lines and solid area plots. Ink does not bleed and dries immediately. Pigmented ink (black) adheres to the surface very well and is immediately smear

resistant. This greatly facilitates subsequent processing (folding). The extra-white finish guarantees top contrast.

#### Transactional/transpromotional printing

Z-Plot 650 is the ideal paper for four-colour transactional and transpromotional printing and for direct-mail applications. Z-Plot 650 is compatible with all high-performance inkjet printing equipment using pigmented or dye-based ink systems. Inkjet printing is immediately resistant to water and smearing and can therefore be processed further without waiting. The excellent processing properties of Z-Plot 650 guarantee its problem-free use along the entire value-added chain.

#### ADVANTAGES

- | Excellent brightness
- | High contrast
- | Outstanding colour density
- | Excellent brilliance
- | Very good opacity
- | Special calendering
- | Suitable for laminating
- | Both sides printable
- | Sharp contours and lines
- | Wet smear resistant
- | Rapid drying
- | No dry rub-off with pigmented inks

### Z-EVOLUTION

#### Transpromotional printing/direct mail/book printing

Z-Evolution is the first high-speed inkjet paper which is coated online and specially developed for drop-on-demand inkjet applications (dye-based and pigmented ink systems). It is hallmarked by its low ink consumption, which is controlled by a new coating colour concept that fixes the ink direct to the surface of the paper. First-rate colour density and low shine-through make the paper an ideal choice, particularly in the lower weight range. This cuts mailing costs without impacting on print performance. Z-Evolution is particularly suitable for book printing and direct mail applications. Printed matter is immediately ready for further processing after printing and enjoys excellent smear and water resistance. The paper's outstanding processing properties ensure top performance for further processing. Ultra-white Z-Evolution provides a fifth colour for your printing that makes for excellent contrast in the

reproduction of photo-realistic images. The perfect accompaniment for advertising and printing. Z-Evolution's superlative processing properties guarantee its ease of use along the entire value chain.

#### ADVANTAGES

- | High brightness
- | Exceptional colour density
- | Excellent contrast
- | Sharp contours and lines
- | Very good opacity
- | Both sides printable
- | Fast drying
- | Superior ink fixation
- | Low shine-through

Detailed technical specifications can be found at our website [www.zieglerpapier.com](http://www.zieglerpapier.com)

### Z-LASER COLOR

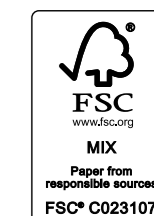
Z-Laser Color is a multi-functional paper for colour lasers and colour photocopiers. Designed for the latest toner-printing technology, it ensures outstanding toner adhesion in all areas.

The especially fine surface (silk gloss) guarantees high resolution in area printing, while the high white guarantees an optimum contrast effect. Z-Laser Color performs outstandingly well in offset printing, and also produces good results in thermaltransfer printing.

#### ADVANTAGES

- | Constant high-grade quality
- | High brightness
- | High opacity and smoothness (satin finish)
- | High volume

Detailed technical specifications can be found at our website [www.zieglerpapier.com](http://www.zieglerpapier.com)





Z-Script  
Z-Pharma  
Z-Release



Papers with that special difference – expressive, functional and tailored to your needs

The quality to inspire

## Papers with that special difference

**Specialties - our papers with that special difference. Expressive, functional and tailored to your needs.**

### Z-SCRIPT

This highly calendered all-round paper has a velvety gloss and elegant brightness. It is ideal for applications in the graphical industry wherever premium quality and ecological considerations are paramount. Z-Script is the paper of choice when expressive artwork and effective corporate design is called for. In addition, its high opacity and smoothness make it the perfect paper for letterheads and exercise books. Thanks to its versatility and compatibility, Z-Script is also excellent for demanding coating and laminating applications.

#### ADVANTAGES

- Multifunctional all-rounder
- Meets highest qualitative and ecological demands
- High opacity and smoothness
- Ideal for coating and laminating applications
- Individual support and personal consultation

### Z-PHARMA

Specially developed for the pharmaceutical industry, Z-Pharma is attractive for a wide range of applications thanks to its unbeatable processing and folding properties. In combination with controlled thickness, extremely high opacity and excellent printability – ideal for all colours and extremely fine print – it is predestined to be used for effective package inserts. Utilisation of eco-friendly pulp and an absolute minimum of optical brighteners, coupled with excellent archiving properties meet all demands on the ecological front, as well. Z-Pharma is GMP certified and can be supplied with an optional invisible security feature (protection against counterfeiting).

#### ADVANTAGES

- Superb processing and folding properties
- High opacity and excellent printability
- Ideal for package inserts (GMP certified)
- Optional security feature (anti-counterfeiting)
- Individual support and personal consultation

### Z-RELEASE

This is a release liner for use in the areas of labels, adhesive tapes, sign vinyls, plotters, digital printing and carbon fibre substrates.

Z-Release Mono is a coated release liner that is available in weights from 80 to 135 gsm. The special coating ensures good dimensional stability and lay-flat behaviour in all areas of application.

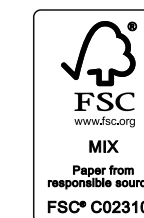
Z-Release Duo is a release liner coated on both sides for applications where good holdout properties are especially important. Both sides are excellent for coating with silicone. Z-Release Duo is supplied in 80 and 120 gsm.

#### ADVANTAGES

- Very good silicone adhesion and low silicone consumption
- Excellent dimensional stability even with severe climatic fluctuations
- Good blister resistance even on high-temperature substrates
- Very good reel quality
- Individual support and personal consultation

All Specialties papers are woodfree and acid free, have neutral sizing and excellent aging properties.

Detailed technical specifications can be found at our website [www.zieglerpapier.com](http://www.zieglerpapier.com)





## The quality to inspire

### CORPORATE DESIGN

Extra-white, all-round papers for communicative applications that demand quality and style

Z-Offset  
Z-Bond Classic

### NATURAL DESIGN

Ecological creative papers with elegant natural shading

Z-Offset W  
Z-Copy W

### CAD/OFFICE

Premium-grade papers for technical, graphic or digital applications

Z-Plot 450  
Z-Plot 650  
Z-Evolution  
Z-Laser Color

### SPECIALTIES

Papers with that special difference – expressive, functional and tailored to your needs

Z-Script  
Z-Pharma  
Z-Release

## Successful niche policy

As a niche player, we have always kept in step with our customers' requirements and will do so in the future, too. We will continue to concentrate on further developing our three main focuses of innovation in the premium segments of papers for graphic and ink-jet applications and laminating base papers. In all three of these areas, there is still considerable potential for successful niche marketing. We also intend to ensure that we are even more at the cutting edge of progress in the realm of "surface technology" in individual areas of application and in respect of our paper machine.

We also aim to develop our position as a "green" paper mill and become a model for others with regards to sustainability.

Our customers are not only looking for good quality and solutions oriented to their applications, they also value our company's sustainable and environmentally-friendly production methods. We therefore wish to further extend ISO 14001, FSC, Carbon Footprint and similar labels within the framework of our total quality management system.

As in the past, we count on our small yet highly motivated and well trained team of employees in Grellingen and on our agents in Europe and overseas, whose commitment will continue to make our company a success. For it is these partners who create and maintain our links with sales markets and with our customers.

## Contacts

### HEADQUARTERS

Ziegler Papier AG  
CH-4203 Grellingen  
Fax +41 61 745 12 66

### Board of Management

Philipp Kuttler-Frey  
Tel +41 61 745 12 12  
philipp.kuttler\_frey@zieglerpapier.com  
Isabel Frey Kuttler  
Tel +41 61 745 12 12  
isabel.frey\_kuttler@zieglerpapier.com

### Mill Management

Dr. Reinhard Jäger  
Tel +41 61 745 13 05  
reinhard.jaeger@zieglerpapier.com

### Marketing/Communications

Susanne Imber  
Tel +41 61 745 12 38  
susanne.imber@zieglerpapier.com

### Sales Management

Mirjam Hunziker  
Tel +41 61 745 12 21  
mirjam.hunziker@zieglerpapier.com

### Sales Team

Lucie Beer  
Tel +41 61 745 12 17  
lucie.beer@zieglerpapier.com  
Benno Henz  
Tel +41 61 745 12 24  
benno.henz@zieglerpapier.com  
Cyrill Jauslin  
Tel +41 61 745 12 15  
cyrill.jauslin@zieglerpapier.com  
Alexandra Kluser  
Tel +41 61 745 12 22  
alexandra.kluser@zieglerpapier.com  
Tolga Koez  
Tel +41 61 745 12 14  
tolga.koez@zieglerpapier.com  
Dario Passerini  
Tel +41 61 745 12 18  
dario.passerini@zieglerpapier.com  
Nathalie Studer  
Tel +41 61 745 12 19  
nathalie.studer@zieglerpapier.com  
Johann Tschan  
Tel +41 61 745 12 48  
johann.tschan@zieglerpapier.com  
Romaine Weiland  
Tel +41 61 745 12 20  
romaine.weiland@zieglerpapier.com

### Product Management & Technology

Susanne Oste  
Head of Product Management & Technology  
Tel +41 61 745 12 50  
susanne.oste@zieglerpapier.com  
Dr. Ralf Radecke  
Head of Technology  
Tel +41 61 745 12 10  
ralf.radecke@zieglerpapier.com  
Bernhard Bichsel  
Quality Control Manager  
Tel +41 61 745 12 60  
bernhard.bichsel@zieglerpapier.com

### Logistics

Andrea Jappert  
Head of Logistics  
Tel +41 61 745 12 28  
andrea.jappert-kaiser@zieglerpapier.com  
Carmen Arrojo  
Tel +41 61 745 12 25  
carmen.arrojo@zieglerpapier.com  
Eveline Kaiser  
Tel +41 61 745 12 27  
eveline.kaiser@zieglerpapier.com

### INTERNATIONAL SALES OFFICES

#### Asia

Union Chemical Ind. Co. Ltd.  
Jeff Huang  
6th Fl., No 9, De-Hui Street  
Jhong-Shan District  
TW-104 Taipei  
Taiwan, R.O.C.  
Tel +886 2 2595 4321  
Fax +886 2 2595 9698  
jeff.huang@unionchemical.com.tw

#### Austria / Central- & Eastern-Europe

MH-Spezialpapiere und synthetische  
Bedruckstoffe  
Manfred Hlinka  
Niederleuthnerstrasse 29/1.OG  
A-3830 Waidhofen/Thaya  
Tel +43 1 271 88 76-0  
Fax +43 1 271 88 78  
manfred.hlinka@zieglerpapier.com

#### France

Ziegler Papier AG  
Alexandra Kluser  
Tel +41 61 745 12 22  
alexandra.kluser@zieglerpapier.com

#### Germany / Netherlands / Belgium

E.R. Neumann GmbH  
Export/Import  
Axel Kübler  
Kolhagenstrasse 38  
D-40593 Düsseldorf  
Tel +49 211 71 60 71  
Fax +49 211 71 75 29  
axel.kuebler@neumannpapier.de

#### Great Britain / Ireland

Kinross Agencies Ltd.  
Mike O'Neill / Bob Green  
11 High Street  
Otford  
GB-Sevenoaks, Kent TN14 5PG  
Tel +44 1959 524 611  
Fax +44 1959 525 445  
bob@kinrossagencies.ltd.uk

#### Italy

Dott. A. Ierardi & C. s.n.c.  
Tullio Ierardi  
Rappresentanze Cartiere  
Via dei Guarneri, 24  
I-20141 Milano  
Tel +39 02 574 01 941  
Fax +39 02 574 01 968  
tullio.ierardi@gmail.com

#### Scandinavia

bethien a/s  
Kim Mikkelsen  
Langebjerg 23 D  
DK-4000 Roskilde  
Tel +45 46 55 13 00  
Fax +45 46 55 13 13  
bethien@bethien.dk

#### Spain / Portugal

Ekman Iberica S.A.  
Marta de Mingo  
Plaza Urquinaona 6, 17 A  
E-08010 Barcelona  
Tel +34 93 302 30 30  
Fax +34 93 317 73 29  
marta.de.mingo.es@ekman-co.se

#### USA / Canada

Ziegler Paper US Inc.  
Tina Moylan  
117 Merion Road  
USA-York, PA 17403  
Tel +1 717 843 5906  
Fax +1 717 718 6150  
Mobile +1 717 880 2162  
tina.moylan@zieglerpapier.com

