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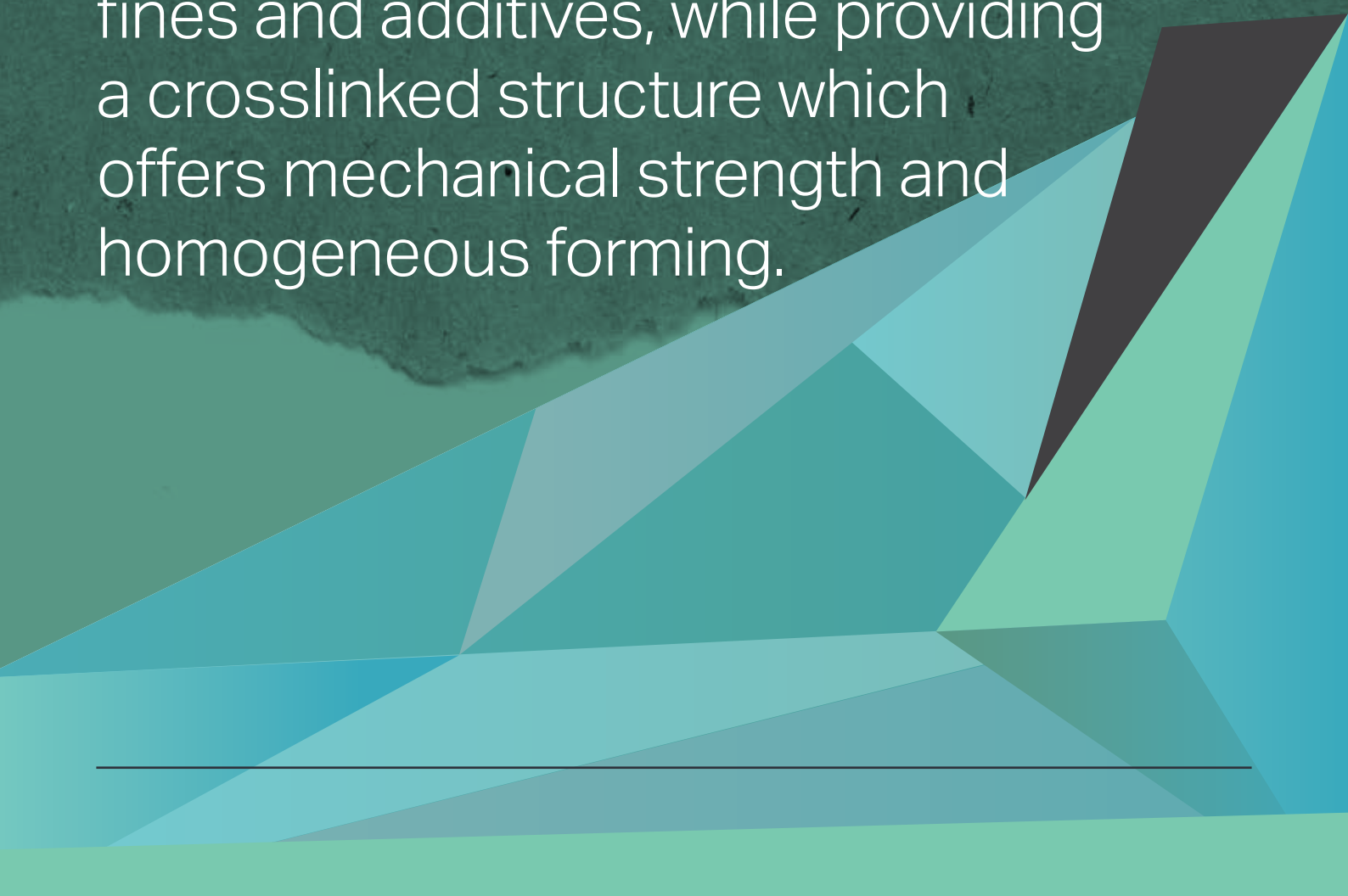
PAPER DIVISION

Retention and Drainage



Our Retention and Drainage programmes are designed to help you achieve productivity and efficiency targets, in compliance with the quality standards of the finished product and production costs.

We have complete solutions (single- and multicomponent-based) for the selective recovery of fibres, fines and additives, while providing a crosslinked structure which offers mechanical strength and homogeneous forming.





RETENTION AND DRAINAGE

The increasing cost of raw materials and energy needed for production requires strict waste control and special attention to consumption.

The possibility of retaining most of the fibres (cellulose, wood pulp, etc.) and process additives is extremely important in the production process: it keeps costs under control, eliminates waste, improves the quality of the paper and reduces environmental impact.

NCR Biochemical has a wide range of dedicated products and programs which :

- Keep the fibres in the machine at the the first pass
- Retain the additives used in production, thereby reducing their incidence per kilo/paper and environmental impact
- Increase water drainage and improve sheet formation
- Optimise the necessary drying energy
- Optimise the strength and permeability of the paper
- Allow higher production speeds to be achieved

Along with the treatments our experts provide analyses of the mixtures and retention and drainage tests to optimise fibre retention and water drainage.

Product range



POLYREN® 1500 SERIES

- Liquid polymers



POLYREN® 4000/8000 SERIES

- Cationic and anionic polyelectrolyte powder



POLYREN® 3000/5000 SERIES

- Cationic and anionic polyelectrolytes in emulsion



POLYREN® 7000/6000 SERIES

- Cationic and anionic polyelectrolytes in aqueous dispersion
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NCR Biochemical is an international chemical company specialized in water treatment, biotechnology and process additives in the paper and sugar industries. We produce the best chemical technologies, find the best solutions for our customers, develop our own dosing systems and have thirty years experience and expertise in pursuing quality, safety and environmental responsibility. We confront the global industrial reality with a comprehensive scientific approach which brings benefits and results to our clients.



Analysis



Technical assistance



Consulting

www.ncr-biochemical.com



World Network

Italy | Bologna

Italy | Milano

Russia | Leningrad Region

China | Shenzhen



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