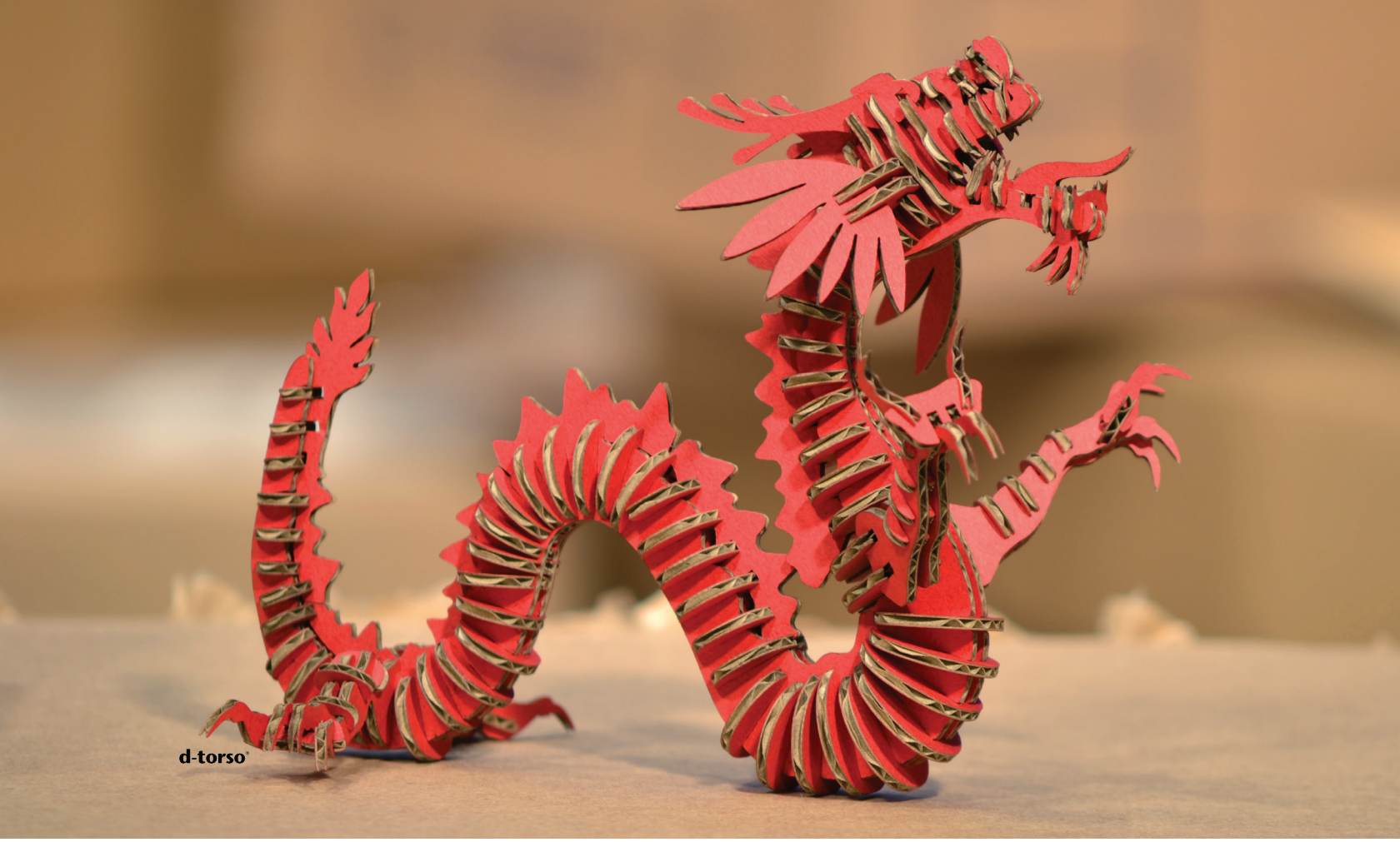


METRIX™

ACHIEVING STRENGTH & PRODUCTIVITY

Improved Strength/Weight Ratio

The shift to sheet light-weighting and preservation of natural resources in the board and packaging industry has been a compelling industry trend for decades. Today however, achieving reduced basis weight targets can be a challenge for any papermaker, especially when lower quality fibers are part of the furnish mix.

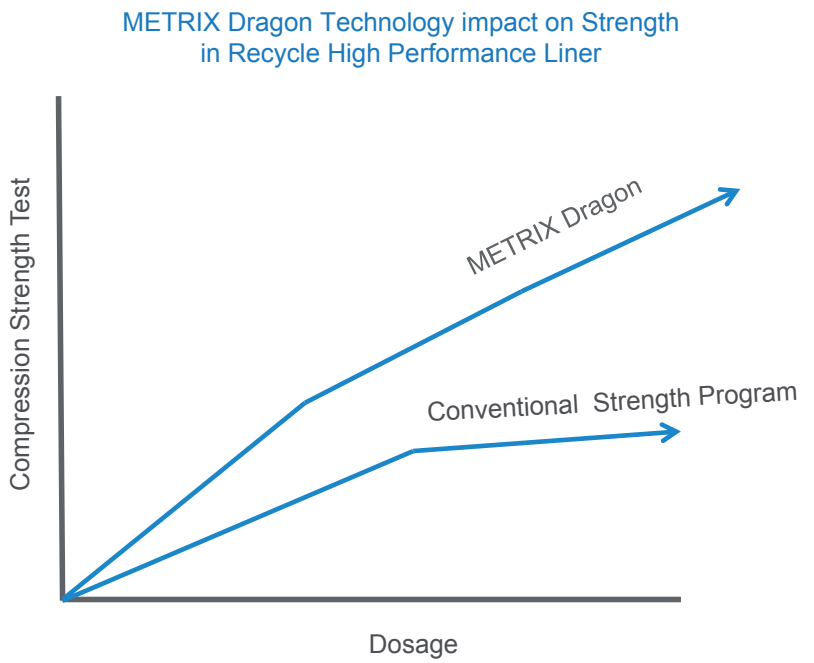
Use of NALCO Water's METRIX® Dragon technology allows paperboard and packaging manufacturers the ability to increase strength, lower basis weights, enhance production and reduce energy demand.

- Improved Strength/Weight ratio in Cartonboard and Containerboard
- Improved Productivity & Machine Efficiency
- Reduced Energy Consumption
- Light-weighting & Fiber Substitution

NALCO Water
An Ecolab Company

NALCO Water's METRIX Dragon technology is a synergistic, multi-functional program developed to enhance productivity, table drainage and strength development for paperboard manufacturers.

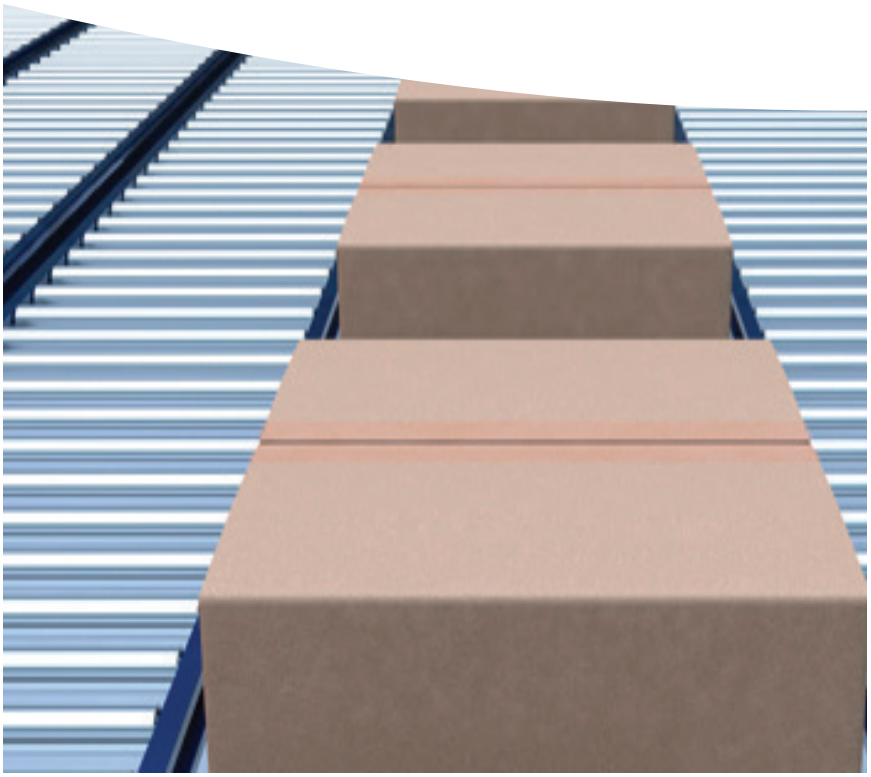
The program is based on the use of a multi-functional reactive polymer in combination with NALCO' Water's advanced retention and drainage programs.



BENEFITS

A METRIX Dragon program is designed to meet the following customer objectives:

- Provides higher strength at lower basis weight
- Enhances sheet drying efficiency resulting in lower steam demand and higher line speed
- Allows for the use of less expensive fibers and higher filler levels
- Allows for less refining and subsequent energy
- Provides consistent strength results
- Minimizes variations in moisture profiles
- Reduces sewer losses and lowers effluent treatment costs as a result of improved fines and additive retention
- Reduces the need for cationic starch due to improved strength and retention



North America HQ
1 630 305 1000

Latin America HQ
55 11 5644 6500

Asia Pacific HQ
65 6505 6868

Europe HQ
41 21 614 6400