CONCRETE SHOULDN'T DRY

HOW IT WORKS

Optimizes the cement hydration process by circulating the heat of hydration and moisture from the fresh concrete for a consistent curing environment.

SATISFACTION GUARANTEED!

SHOULD HARDEN!

OUR GUARANTEE

consistent curing temperature equal to +/- 1°C

and relative humidity equal to +/- 3 %

with an air velocity $\leq 1 \text{ m/s}$

maximum curing humidity controllable based on curing temperature

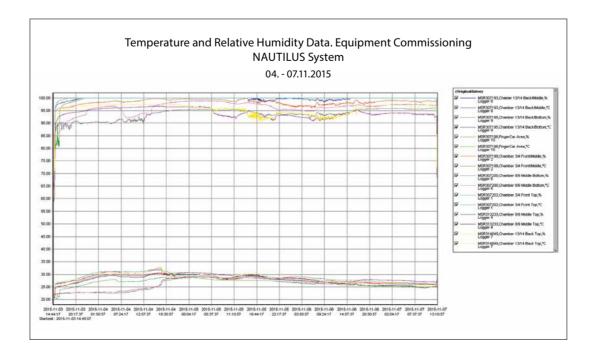
YOUR BENEFIT

reduced hardening duration, less breakage

consistent colors, a substantially reduced risk of efflorescence

no condensation on chamber surfaces

5 % cement reduction and a 1 to 2 year ROI



THE CONCRETE CURING SPECIALIST.



NAUTILUSTM CONCRETE CURING SYSTEM







The rack is enclosed with insulated sandwich panels in order to reduce heat loss.

Drawings and bills of materials supplied by KRAFT allow our clients a foolproof do-it-yourself solution for chamber insulation.



The NAUTILUS™ system prevents fog and condensation on chamber surfaces even at 35 °C (100 °F) and 90 % relative humidity. This prevents disruption of safety beams or control lasers and corrosion of the steelwork.



Our NAUTILUS™ radial ventilator is customer designed and manufactured for the concrete industry. Our stainless steel and aluminum construction and self-lubricating stainless steel bearing housing provide a durable solution in a harsh atmosphere.



Our custom designed air distribution duct system - with air outlets located at the curing chamber floor only - guarantees the most consistent curing chamber climate distribution while maintaining a dry floor and prevention of high air velocity over the fresh concrete product surface.



There are a wide variety of curing control alternatives available with our AutoCure® Automatic Curing Control System. It allows for temperature and humidity sensing, indication, controlling and, if required, recording.



Curing temperature and relative humidity are measured via sensors distributed throughout the chamber.



Our custom-designed exhaust system with electrically actuated damper (in order to prevent heat loss when not in operation) operates in order to reduce humidity.

