

Aquatics Line

SEALnGLIDE + glaze SAIL CLOTH SURFACE TECHNOLOGIES

 **CONTENDER SAILCLOTH**®



HOLMENKOL®

ADVANCED PROTECTION



Ultimate care
and unique protection!

CARE LINE HOLMENKOL ADVANCED PROTECTION



AQUATIC SPORTS

Aquatics Line

SEALnGLIDE + glaze

SAIL CLOTH SURFACE TECHNOLOGIES

CONTENT

SEALnGLIDE + glaze

Specialties by application of Nano Technology

Dynakote Nano-Sail cloth by Contender Sailcloth

Modern reconditioning of sail cloth surfaces

**Regatta Sports
Benefits for competition sailors**

**Touring
Benefits for recreational & touring sailors**

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SEALnGLIDE + glaze

High-Tech surface finish for sails

For Spinnaker, fore- & main sails as well as stow away and furling sails

- Best protection against water & dirt
- Optimal surface smoothness and sliding abilities
- Strenthens tear resistance of new clothes
- Refreshes colours and maintains optical appearance
- Extreme durability of protective layer
- Wash ability of sails

Sensational protection through water & dirt repellency, smoothness, tear resistance optimization and exceptional durability compared to many of today's surface technologies on sail clothes.



Nano Technologie Specialties

Nano Technology allows to realise coatings of unknown performances at easiest application:

Strongest adhesion to sail cloth surface

- = Extreme abrasion resistance & no transport to surroundings
- = Protection against environmental influence
- = Wash ability of sails*

Nano surface structures

- = New kind of dirt, water and humidity repellence
- = Highest possible smoothness for optimized laminar air flows
- = Raised performance, through less air permeability = reduced pressurisation
- = Amelioration of optical characteristics at used sails
- = Longer maintenance of optical characteristics at new sails

Extreme thin layers (>1/100.000 mm)

- = no visually remarkable traces or remains

Easy application

- = Effortless application & easy replicable through professionals or by own application

* See page "Modern reconditioning of sails"

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High-Tech on sail cloth

Nano technologic surface finish at Contender Sailcloth

Contender Sailcloth is world wide the first supplier of a sail cloth with nano technologic surface finish.

Contenders R&D department was after having run long test series, convinced of the advantages, strengths and performances of this new technology.

The outcome is a spinnaker cloth named Dynakote with Holmenkol SEALnGLIDE surface technologies, worlds first sail cloth carrying a nano technologic finish.

Contender is world wide HOLMENKOL's exclusive partner for application of this sail cloth technology in production processes for fabrication of sail cloth.

Today the leading sail makers offer and supply Dynakote made sails!

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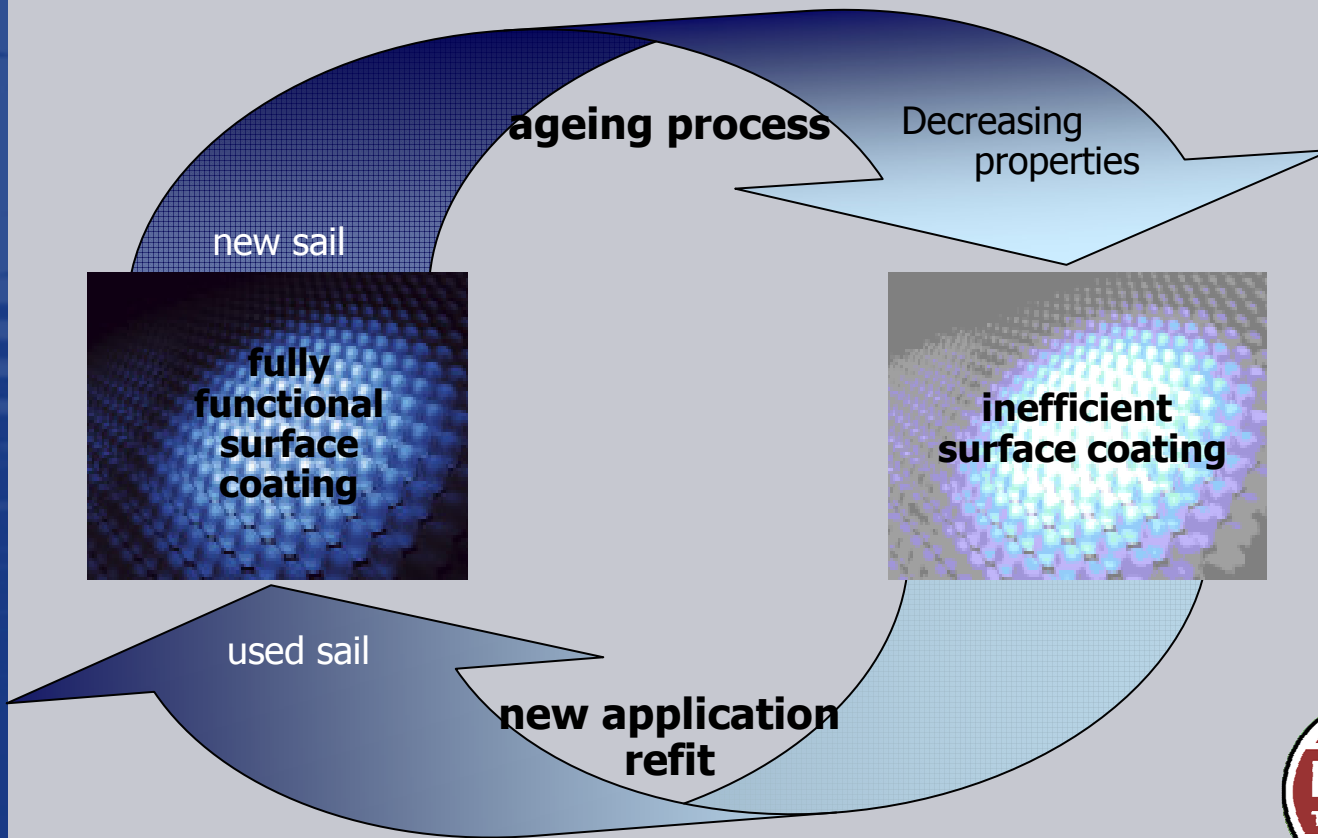
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Regeneration of protective layers on Dynakote sailcloth



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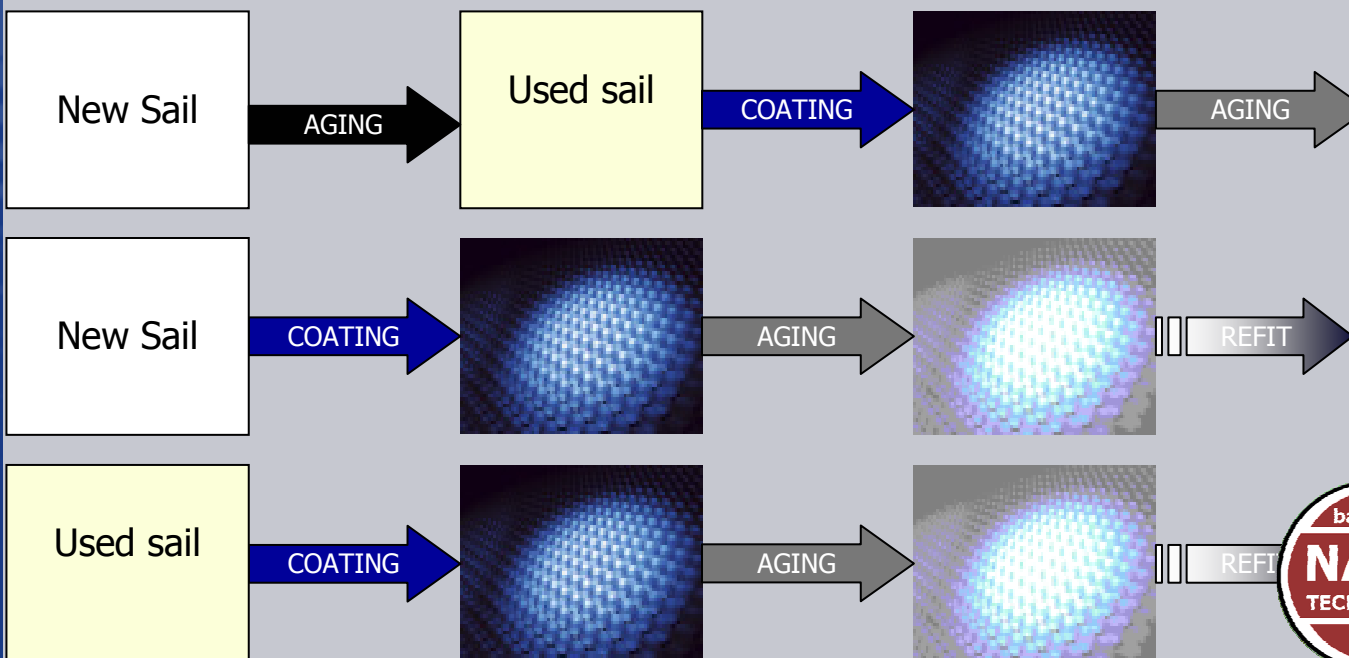
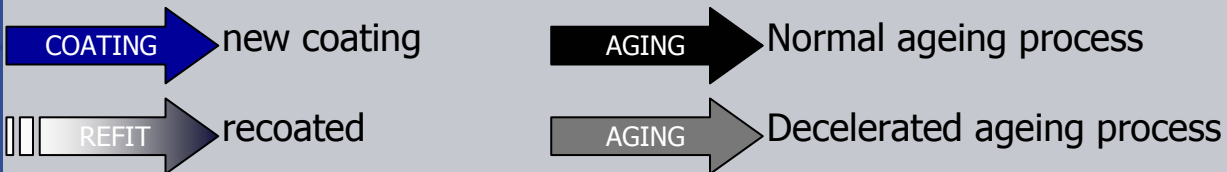
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Regeneration of protective layers on sail cloth



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BELSER
Conditioning



Modern ways to optimize and refit sails



Spineraker Maxi 1300, North-Yachting GmbH

Sprinkler* & wiper, proved to be the ideal tools

*** DO NOT VAPORIZE=DANGER OF INHALING!**

Test series at Belser Conditioning have shown the short lifetime and weak abrasion resistance of many of today's surface technologies in sailcloth.

Belser Conditioning BV from Made, The Netherlands, did extensive tests for professional application of SEALnGLIDE + glaze in sail maintenance and refitting.



Spineraker Maxi 1300, North-Yachting GmbH

SEALnGLIDE must be applied in liquid state!

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Modern ways to optimize and refit sails

At the tests SEALnGLIDE + glaze has proved as sole workable product, that will survive sails laundry at 65 deg C with alcalic soaps at ph values from 9 to 10 ph.



Spinacker Maxi 1300, North-Yachting GmbH

Molekular organisation of nano coating while drying

That is why Belser Conditioning states, that only now with SEALnGLIDE a strong performing coating is available, to bring back surface protection to a sail cloth.

Also tests with acids, at ph values ranging from 2 to 5 ph approved the resistance of SEALnGLIDE.



Regatta-Sport – when it's about seconds

Benefits for competition sailors

Nano surface structures

- = Strengthening tear resistance on new sails
- = Optimal surface smoothness for a maximum in aerodynamics
- = Highest possible smoothness for optimized laminar air flows
- = Raised performance by less air permeability = reduced pressurisation
- = Dry sail clothes: minimum weight
- = Performing spis at light winds with/or humidity or rain

Highest sliding abilities of sails

- = Light and therefore fast sets
- = Quick manoeuvres = gain in time
- = Faster performing spis after set
- = Reduced risks of hooking on rig or deck
- = Fast drying and functional tell tales

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Regatta-Sport – advertising/promotion on sails

Specialty for professional competition sailing

Printable advertising/promotion on sails

The common sail cloth for printed commercials on sails is PU cloth. The disadvantage for competition sailors is their little surface smoothness and water rejection and low aerodynamic properties.

SEALnGLIDE + glaze can supply printed PU sail cloth properties, at least matching those of high-tech siliconised competition cloth.

This creates a new dimension in printed advertising/promotion on professional competition sails as well as in individual designing of sails, especially on big Spinnaker cloth surfaces.

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REGATTA SPORTS REFERENCE

SealnGlide + glaze

World champion 2005, 505, Holger Jess



“...nobody could go our down wind speeds...”

“...the spi doesn't take water and stays light and dry...”

“...we can set the spi much lighter and faster thanks to the coating ...”

Recreational Sailing – when its about comfort & values

Benefits for recreational sailors

Light sliding sails

- = tighter rolling furling jibs
- = ameliorated weathering resistance of furled sails
- = better sliding behaviour at Stowaway Sails
- = less risk of hooking on rig and deck
- = easier sets

Extreme hydrophobicity

- = quick drying sails
- = light and dry spinnakers
- = dry & functional sails

Extreme dirt rejection

- = better weathering resistance of sails
- = easier and better maintenance of sails
- = longer maintenance of optical characteristics of new sails

Extreme adhesion on sail cloth

- = long term protection
- = wash ability of sails
- = no wearing out into surrounding

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