



AQUANET® PROTECT

PRODUCT DATA SHEET



Copper-free

Next Generation Anti-fouling - Healthy fish in clean nets

AquaNet® Protect by Steen-Hansen is a water-based and copper free anti-fouling for use on aquaculture nets. Following the introduction of the approved biocide Econea®, AquaNet® Protect contains no copper as biocide. The biocide - Econea® - is biodegradable with a half-life period of 7-14 hours.



- Copper free
- Contains biodegradable Econea®
- Reduced operational costs
- Less environmental footprint
- Wax free to withstand light cleaning
- Enhanced protection against hydroids



Steen-Hansen

Steen-Hansen AS
Hylkjeplatn 44
NO-5109 Hylkje
Norway

Vat.no: NO 982 775 337 MVA
Phone: +47 55 11 62 60
E-mail: post@steen-hansen.no
Web: www.steen-hansen.com

Quality specifications

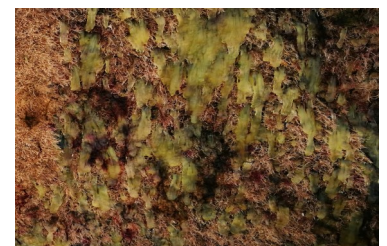
Quality	Target	Tolerance
Specific weight g/ml	1,10	1,01 - 1,05
Dilution	None/Ready For Use	
Colour	Ocher yellow	
Active substances	Econea®, ZnPt	
Viscosity	14 sec/100ml (DIN4)	13-15 sec/100ml (DIN4)
Storage temperature	>5°C	5-30°C
Storage time	6 months	



Treated net, 23 days



Efficacy, 140 days



Untreated sample, 140 days

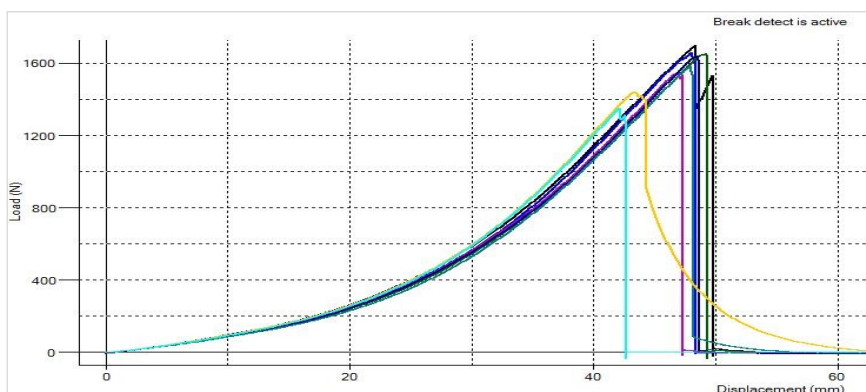
Applied on net*

Quality	Expected	Reference product
Sinking speed in seawater	21 seconds	11,1 seconds
Uptake	0,7-0,9 l/kilo net	1,0-1,2 l/kilo net
Drying time	12-24hrs	12-24hrs
Curing time	4 days	2 days
Stiffness	Soft	Soft
In-situ cleaning resistance	Medium	Low
Net elasticity	48mm	41mm
Net breaking strength	1630N	1040N ± 41

* **Note!** Reference product, comparable measurements made on: New nylon with AquaNet Ultra. The applied on net values are measured results in controlled conditions to be used as reference only.

- Real life variations such as application method, drying time, curing time, net type, temperature etc. will produce different results.
- **AquaNet Protect** is a water based active coating containing biocides and is approved for use on aquaculture nets. Stir well and do not dilute. The net must be completely dry before treatment and used nets must be thoroughly cleaned before treatment.
- Net must be submerged for 30 minutes while using dipping tank and hung up for drainage before drying. Use Best Practices specific for this product while using vacuum impregnator. Treated net must be completely dry (20-30% rh) before packing and/or deployment to sea.

Note!! The product must not be mixed with antifouling containing cuprous oxide nor applied on used nets with high content of cuprous oxide.



Graph, elasticity and breakage strength

— = non-treated net sample

