



Test results

Mechanical stress resistance Height

Level KG-CM 1 2 3 4 5

Low 192 Cracking No No No No

Medium 196 No Cracking No No Cracking

High 200 No Cracking No Cracking Cracking

Test method ASTM D2794 - result: 196 Kg cm



Bleach (NaOCl)	14%								
Sulphuric acid	10%								
Nitric acid	30%								
Formic acid	10%								
Acetic acid	10%								
Lactic acid	5%								
Petrol (Tetraethyl lead fuel)	14%								
Toluene	14%								
Styrene	14%								
1.1.1-trichloroethane	14%								
Skydrol 500A (Hydraulic substance for airplanes)	14%								
Test period in weeks		1	2	3	4	5	6	7	8

No deterioration
 Mild deterioration

Flammability Determination of	Average
Ignition time	5,78 min
Flame propagation time	0 s.
Integral heat emission	71,1 kJ/m ²
Smoke emission, log D	-0,8101
Optical density, D	0,1572/m

Flammability Result index	Result index	index
Ignition time	14	0 - 20
Flame spread index	0	0 - 10
Heat development index	2	0 - 10
Smoke development index	5	0 - 10

Determination of anti-slip behaviour			
Test method ASTM D4518			
Condition	Resultaat	Resultaat	Resultaat
Dry	0,53	Commercial	R - 13
Wet	0,50	Industrial	R - 12
Oiled	0,49	Offshore	R - 12
Oiled after impact	0,41		

Determination aging properties		
Test method ISO 20340:2003 / TÜV SÜD		
Results		
ISO4628-2	No blistering	Rating 0 (S0)
ISO4628-3	No corrosion	Rating Ri 0
ISO4628-4	No cracking	Rating 0 (S0)
ISO4628-5	No flaking	Rating 0 (S0)
ISO4628-6	No powdering	Rating 0
Corrosion	No corrosion after scratching the surface.	

Adhesion test Tractive force 3MPa.

Determination sea water resistance		
Test method ISO 20340:2003 / TÜV SÜD		
Results		
ISO4628-2	No blistering	Rating 0 (S0)
ISO4628-3	No corrosion	Rating Ri 0
ISO4628-4	No cracking	Rating 0 (S0)
ISO4628-5	No flaking	Rating 0 (S0)
ISO4628-6	No powdering	Rating 0
Corrosion	Less than 1mm corrosion after scratching the surface.	
Adhesion test	Tractive force 3MPa	

Determination corrosion resistance
 Test method ISO 15711 / TÜV SÜD
Results
 No anti-slip coating was detached, nor did any flaking or blistering occur on the anti-slip element. The result proves that the coating on the cathodic element is resistant against delamination and damage in the described circumstances.

More Extensive technical information is available upon your request.