







TEMP-COAT SILENT RUNNING 1000 Innovative technological solution for Balkans



coating specifically designed to eliminate unwanted sound and vibration in a wide range of industrial applications. Silent Running works by converting noise energy and vibrations into a low grade heat, which is then dissipated throughout the applied surface.





Silent Running is a liquid coating that utilizes a space-age viscoelastic polymer system that virtually eliminates unwanted vibration and sound problems. The coating absorbs vibration, the root cause of unwanted noise, and converts it into low-grade heat which is then dissipated throughout the applied surface. Silent Running is a nontoxic, water-based, vibration absorbing material that goes on easily with a brush, roller, or spray gun. It takes up less space and weighs less than existing sound proofing technologies such as mats and wraps.



Just paint it on and feel the difference

- Can be applied in engine rooms, gen sets, covers, enclosures, chambers, ceilings...
- Applicable for all types of surfaces (metal fiberglass, wood and most plastics)
- Excellent adhesion
- Permanent coating
- Water based and non-toxic
- · Non-Flammable, Self Extinguishing
- Easy application, Sprayer, Brush or Roller
- Quick clean-up with water
- Wide temperature range: -36°C to 120°C
- IMO and Lloyd's certified





Color: Off white

Odor: No odor after curing

Density: 1359 kg/m³

Tensile strenght: 1.861 MPa

Solid Content: 73%

Viscosity: 9,000 cps (avg 9 Pa.sec)

Flash point: > 93% (SELF EXTINQUISHING)

Lloyd's Registry #: SAS F060023

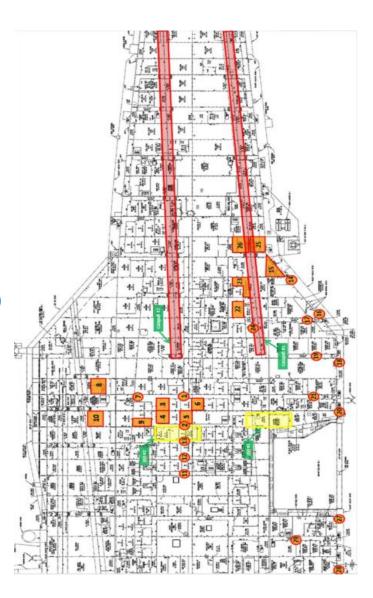
Avarage coat thickness: 0.5 mm WFT

Coverage: 0.74 m²/ l @ 1mm

Storage temp: Do not freeze

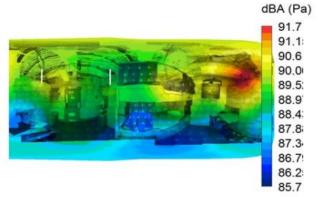
Resistant to: Gas, oil and most chemicals

Shelf life: 1 year





Acoustic array plot BEFORE treatment with Silent Running



Acoustic array plot AFTER treatment with Silent Running



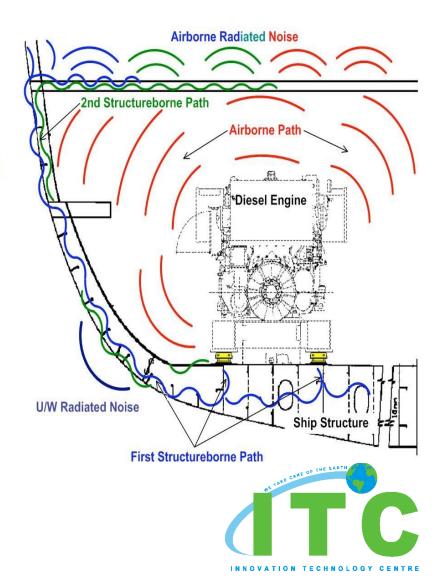


Silent Running Decibel Reduction Test

The following plates were used to test the effectiveness of Silent Running.

Each plate was approximately 7 ½" x 12". Each plate was struck uncoated and the decibel level measured. The coated plates were then struck and the decibel level measured.

Plate	Plate	Decibels		Decibels	Total dB
Material	Thickness	Uncoated	DFT*	Coated	Reduction
Fiberglass	0.180"	66 dBA	0.070"	51 dBA	15 dBA
Galvanized	0.040"	71 dBA	0.055"	60 dBA	11 dBA
Stainless	0.130"	86 dBA	0.050"	57 dBA	29 dBA
Aluminum	0.220"	83 dBA	0.075"	56 dBA	27 dBA





U. S. Department of Homeland Security United States Coast Guard Certificate of Approval

Coast Guard Approval Number: 164.112/141/0

Expire

INTERIOR FINISH (IMO)

CURRENT, INC. 30 Tyler Street P.O. Box 120183 East Haven CT 06512

"Silent Running Marine Coating (SR 1000)" approved as meeting Parts 2 and 5 of the IMO FTP Code in a maximum dry-coat thickness of 0.040 inches (1.016 mm).

Tested to Part 6 and Part 2 on steel.

Restricted to application on metallic surfaces.

Identifying Data: Part 2: Intertek Report No. 100135302MID-024 dated May 17, 2 Intertek Report No. 100135302SAT-025A dated March 30, 2011; FUP: Report No. 10 QCM, Rev. 1, dated May 17, 2011.

Deemed to be less than the maximum 45 MJ per square meter calorific content as dried coating is less than 2 mm.

Follow-up Program: Intertek. Factory: East Haven, CT, USA.

Approval valid only for system ingredients shipped from above factory location



The manufacturer is allowed to affix the Mark of Conformity according to Artic Council Directive 96/98/EC on Marine Equipment and issue a Declaration of Conf allowed by the "Nagreement between the European Community and the United States Mutual Recognition of Certificates of Conformity for Marine Equipment" signed and by the "Agreement between the European Free Trade Association countries wh of the European Economic Area and the United States of America on Mutual Recog Certificates of Conformity for Marine Equipment" signed October 2005. Item co requirements of Annex A.1, Item No. A.1/3.18 of the directive.

*** END ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the iten with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 19th DAY OF MAY 2011 AT WASHINGTON D.C.

Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT

U. S. Department of Homeland Security United States Coast Guard Certificate of Approval

Coast Guard Approval Number: 164.106/41/0

Expires:

PRIMARY DECK COVERINGS (IMO)

CURRENT, INC. 30 Tyler Street P.O. Box 120183 East Haven CT 06512

"Silent Running Marine Coating (SR 1000)" approved as meeting Parts 2 and 6 of Annex the IMO FTP Code in a maximum dry-coat thickness of 0.040 inches (1.016 mm).

Identifying Data: Part 2: Intertek Report No. 100135302MID-024 dated May 17, 2011; 1 Intertek Report No. 100135302SAT-025A dated March 3G, 2011; FUF: Report No. 10013530 OCM, Rev. 1, dated May 17, 2011.

Follow-up Program: Intertek. Factory: East Haven, CT, USA.

Approval valid only for system ingredients shipped from above factory location.



1408/1

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 Council Directive 96/98/EC on Marine Equipment and issue a Declaration of Conformity allowed by the "Agreement between the European Community and the United States of & Mutual Recognition of Certificates of Conformity for Marine Equipment" signed Februa and by the "Agreement between the European Free Trade Association countries which as of the European Economic Area and the United States of America on Mutual Recognition Certificates of Conformity for Marine Equipment" signed October 2005. Item compiles requirements of Annex A.1, Item No. A.1/3.1 of the directive.

*** END ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified weight applicable laws and regulations as softlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be i expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 19th DAY OF MAY 2011, AT WASHINGTON D.C.

K. J. HEINZ

Chief, Lifesaving and Fire Safety Division BY DIRECTION OF THE COMMANDANT

DEPT, OF HOMELAND SECURITY, USCG, CGHQ-10030



U. S. Department of Homeland Security United States Coast Guard Certificate of Approval

Coast Guard Approval Number: 164.117/40/0

Expires: 19 May 2016

FLOOR COVERINGS (IMO)

CURRENT, INC. 30 Tyler Street P.O. Box 120183 East Haven CT 06512

"Silent Running Marine Coating (SR 1000)" approved as meeting Parts 2 and 5 of Annex 1 of the IMO FTP Code in a maximum dry-coat thickness of 0.040 inches (1.016 mm).

Tested to Part 6 and Part 2 on steel.

Restricted to application on metallic surfaces.

Identifying Data: Part 2: Intertek Report No. 100135302MID-024 dated May 17, 2011; Part 6: Intertek Report No. 100135302SAT-025A dated March 30, 2011; FUP: Report No. 100135302SAT-014 QCM, Rev. 1, dated May 17, 2011.

Follow-up Program: Intertek. Factory: East Haven, CT, USA.

Approval valid only for system ingredients shipped from above factory location.



The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and issue a Declaration of Conformity as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 2004 and by the "Agreement between the European Free Trade Association countries which are part of the European Economic Area and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed October 2005. Item complies with requirements of Annex A.1, Item No. A.1/3.18 of the directive.

*** END ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 19th DAY OF MAY 2011, AT WASHINGTON D.C.

Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT

DEPT. OF HOMELAND SECURITY, USCG, CGHQ-18038 (REV. 3-03)



Silent Running 1000 Reference list

In Russia

Others

Pipe insulation in Volgograd heating plant,

Pipe insulation at the St. Petersburg heat power plant,

Insulation of furnaces and equipment in Omsk refinery,

Equipment's and pipe insulation in Chelyabinsk Forge and Press plant,

OOO NP "TERMALKOM",

Russian Railways "RZD",

Insulation of furnaces and equipment in Moscow refinery etc.

OMV oil refinery in Romania,

US cost guard,

American bureau of shipping,

US Navy,

ISAB Italy,

CHEVRON,

EXXONMOBIL,

Auto industry of US,

IBEX,

US Noise Control Engineering,

Pipe insulation in Belgrade District Heating Power Company,

Pipe insulation in Kraljevo Heating Power Company etc.

















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https://www.youtube.com/watch?v=N-Pco6S0Y4g

https://www.youtube.com/watch?v=cRJsWGh9wRY