



TEMP-COAT SILENT RUNNING 1000

Innovative technische Lösung für Balkan

SILENT RUNNING 1000



Silent Running ist eine Beschichtung mit hoher Performance, die zur Beseitigung vom unerwünschten Lärm und Schwingungen mit breiter Industrieanwendung entwickelt wurde. Silent Running wandelt die Lärm- und Schwingungsenergie in niedrige Temperatur, die auf die auftragende Fläche verbreitet wird.



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Silent Running ist ein flüssiger Aufstrich, das ein innovatives, hoch elastisches Polymersystem benutzt, welches unerwünschte Schwingungen und Lärmprobleme praktisch eliminiert. Der Aufstrich absorbiert Schwingungen, den Hauptgrund von unerwünschtem Lärm, und wandelt sie in eine niedrige Wärme um, die auf die auftragende Fläche verteilt wird. Silent Running ist ein ungiftiges wasserbasiertes Material zur Aufnahme von Schwingungen, wird mit Bürsten, Rollen oder Sprühgerät leicht aufgetragen. Nimmt weniger Platz und ist leichter als die herkömmlichen Lärmschutzlösungen wie Bedeckungen und andere Lösungen.

Auftragen und Unterschied spüren

- Mögliche Anwendung in Werkstätten, an Generatoren, Deckeln, Gehäusen, Kammern, Lüftungsleitungen
- Für alle Flächen (Metall, Fiberglas, Holz und Kunststoff)
- Sehr gute Haftung
- Daueraufstrich
- Wasserbasiert und untoxisch
- Unentzündbar, selbstlöschend
- Einfache Anwendung: Spray, Bürste, Rolle
- Leichte Reinigung mit Wasser
- Breiter Temperaturbereich: -36 ° C bis 120 ° C
- IMO und Lloid Zertifikat



SILENT RUNNING 1000

Farbe: Milchweiß

Geruch: Kein Geruch nach Härtung

Dichte: 1359 kg/m³

Zugfestigkeit: 1.861 MPa

Feststoffgehalt: 73%

Viskosität: 9,000 cps (Durchschnitt 9 Pa.sec)

Zündtemperatur: > 93% (selbstlöschend)

Lloyd Zertifikat#: SAS F060023

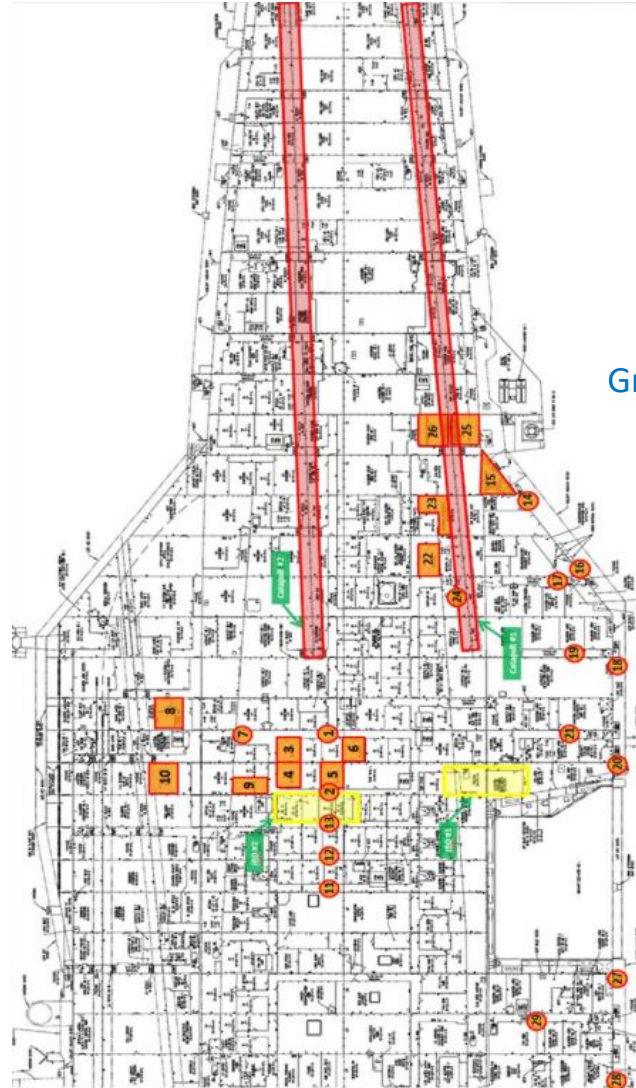
Durchschnitt. Schichtdicke: 0.5 mm WFT

Bedeckung: 0.74 m²/l @ 1mm

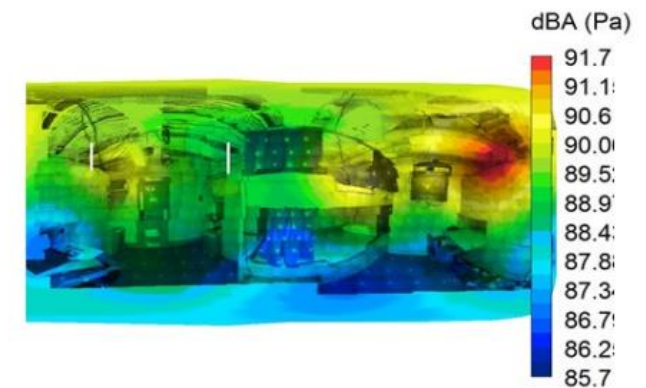
Lagertemperatur: Vor Frost schützen

Beständig: Gas, Öl, häufigste Chemikalien

Haltbarkeit: 1 Jahr



Grafik akustische Matrix VOR Behandlung mit Silent Running



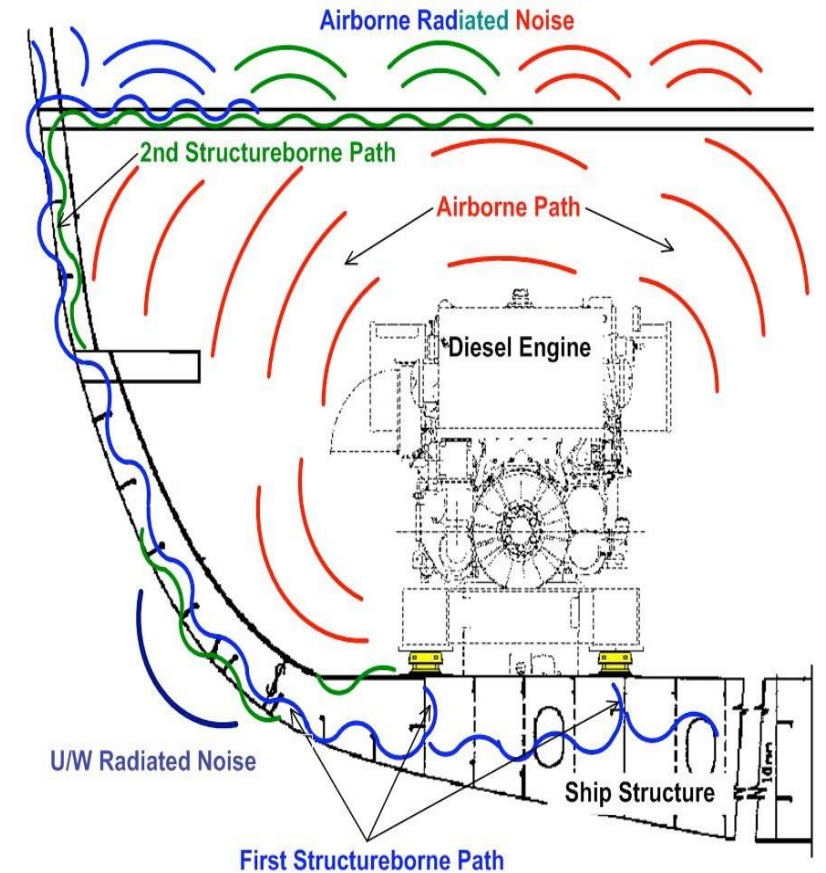
Grafik akustische Matrix NACH Behandlung mit Silent Running



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.

<u>Plate</u>	<u>Plate</u>	<u>Decibels</u>		<u>Decibels</u>	<u>Total dB</u>
<u>Material</u>	<u>Thickness</u>	<u>Uncoated</u>	<u>DFT*</u>	<u>Coated</u>	<u>Reduction</u>
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 Expires

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, 2011; 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



1408/11

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 of the 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 Mutual Recognition of Certificates of Conformity for Marine Equipment" signed and by the "Agreement between the European Free Trade Association countries 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 cc 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 with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval expires on 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.

K. J. HEINZ
K. J. HEINZ
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: 19

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; Intertek Report No. 100135302SAT-025A dated March 30, 2011; FUP: Report No. 100135302 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.



1408/11

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 of the 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 Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 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 complie 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 with the applicable laws and regulations as outlined 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
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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: 164.117/40/0

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.



1408/11

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 the 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.



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

SILENT RUNNING 1000

Silent Running 1000 Referenzliste

In Russland

Rohrleitungsdämmung Heizwerk Volgograd
Rohrleitungsdämmung Heizwerk KW Sankt Petersburg,
Dämmung Ofen und Anlagen in der Raffinerie in Omsk,
Dämmung von Anlagen und Rohrleitungen in der Schmiede- und Pressanlage in Tscheljabinsk,
OOO NP „TERMALKOM“,
Russische Bahn „RZD“,
Dämmung Ofen und Anlagen in der Raffinerie in Moskau

Sonstiges

OMV Ö raffinerie in Rumänien,
USA Küstenwache,
USA Versandbüro,
USA Marine,
ISAB Italien,
CHEVRON,
EXXONMOBIL, Autoindustrie USA,
IBEX,
USA Engineering für Lärmkontrolle,
Rohrleitungsdämmung Belgrader Heizwerk
Rohrleitungsdämmung Heizwerk Kraljevo





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

<https://www.youtube.com/watch?v=cRJswGh9wRY>