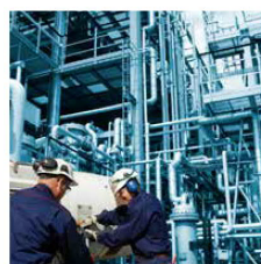


PRODUIT CERAMIQUE ANTIABRASION

Production électrique, Papeteries, Marine & Off Shore
Construction mécanique, Pétrole & Gaz
Chauffage & Ventilation, Mines & Carrières,
Energie Hydraulique, Pétrochimie, etc.

MetaLine® Série XL

Matériaux céramique applicable
à la spatule ou au pinceau pour
la reconstruction professionnelle
de surfaces usées



Depuis 1960 – Made in Germany

MetaLine SXL

Description

matériau **céramique** applicable à la spatule pour reconstruire des surfaces de portées ou réparer des équipements endommagés

Applications typiques

- surfaces de portées
- carters de moteurs fissurés
- bâtis de machines endommagés

Taille des applications

revêtement partiel

Temps d'utilisation (à 20 °C)

20 minutes

Temps de séchage (à 20 °C)

Usinage machine 2 h
Contraintes mécanique max. 24 h
Contraintes chimiques max. 48 h

Epaisseur

minimum: 0,1 mm
maximum: sans limite
recommandée: > 1 mm

Usinage mécanique

meulage / tournage / fraisage



Lloyds Register:

Agrément maritime pour MetaLine SXL



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STATEMENT OF NON-OBJECTION

Certificate No. MNDE/2017/7840

This certificate is issued to the company named below. Based on the examination of the data submitted the product described is considered acceptable for use in constructions built under Lloyd's Register's survey. This acceptance is subject to Lloyd's Register being informed of any changes in or modifications to the product and the product being used in accordance with the manufacturer's instructions and with the relevant requirements of Lloyd's Register's Rules and Regulations.

Product **METALINE CERAMIC REPAIR COMPOUND SXL**

Company **Metaline Surface Protection GmbH
Robert - Bosch - Str. 5-11
DE-71157 Hildrizhausen
Germany**

Application **General repair/building compound for rebuilding metal surfaces operating in fluid environment which have been subjected to erosion/corrosion. The system may be used subject to the following exceptions:**

- (a) Any component in rubbing contact with another
- (b) Any component subject to dynamic cyclic loading
- (c) Any component where the temperature exceeds 60°C

Witnessed test **Tensile strength (ASTM C307): 4621.8 PSI
Shore D Hardness: 95 +/-2**

Valid until **3rd May 2022**

Date **8th May 2017**

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M Jogia
Lead Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group



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- Conditions
- (i) All emergency repairs are to be brought to the attention of the LR Surveyor as soon as practical
 - (ii) Minor permanent repairs are subject to the discretion of the LR Surveyor
 - (iii) Major repairs are subject to individual considerations
 - (iv) Repairs must not be used as means of making good deficiencies in strength
 - (v) The product is to be used in accordance with the manufacturer's instructions and with any relevant requirements of Lloyd's Register's Rules and Regulations.
 - (vi) Lloyd's Register is to be notified of any changes of plant, formulation or Quality Control routines introduced during the validity of this Statement.

USDA (U.S. Department of Agriculture):

Agrément alimentaire pour MetaLine Série XL



United States
Department of
Agriculture

Food Safety
and Inspection
Service

Washington, D.C.
2050

Sub: MetaLine SXL Repair Compound



United States
Department of
Agriculture

Food Safety
and Inspection
Service

Washington, D.C.
2050

Sub: MetaLine KXL Repair Compound

Gentlemen:

Your MetaLine KXL Base and Solidifier Components are acceptable to rebuild or repair equipment and machinery which has incidental food contact in federally inspected meat and poultry plants as long as the chemical composition and surface finish remain as submitted to USDA on May 22, 1986. This acceptance is based on a review of the chemical constituents against appropriate FDA or USDA regulations or guidelines and the physical surface characteristics. This does not constitute a USDA endorsement of the performance of this product.

Where food adulterating vapors may be generated during the preparation or installation of this product, all unprotected food and packaging materials must be moved out of the affected area. Before food and packaging materials may be returned to the area where the material has been used, the area must be sufficiently free of odor to prevent contamination of the food.

Any unacceptable condition resulting from im-proper installation or maintenance will be cause for the inspector to require correction

BSI (British Standards Institution):

Agrée eau potable selon BS 6920 pour MetaLine KXL

AL HOTY - STANGER LABORATORIES



مختبرات الحوتى ستاندر

TEST REPORT MAJESTIC SHCT LLC

SUITABILITY OF NON-METALLIC PRODUCTS FOR USE IN CONTACT WITH WATER INTENDED FOR HUMAN CONSUMPTION WITH REGARD TO THEIR EFFECT ON THE QUALITY OF WATER.

Report number	Project name	Sample brought in by	Sampling date	Sampling method	Date sample received	Test date	Client ref. request no.	Sample description as identified by client	Test Methods
A16 - 3MGM - 1	Quality Assurance	MAJESTIC SHCT LLC	Not specified	Not specified	27.07.16	26.07.16 - 23.08.16	SP - A16	MetaLine KXL Ceramic compound	1. BS 6920 Part 2: 2006 2. ICP-OES

Parameters	Units	Results		BS 6920 Part 2: 2006 Specification Limits
		Distilled water @ 20°C (Initial Extraction)	Distilled water @ 20°C (Leach Extraction)	
Chlorine	mg/L	< 1	< 1	Max 10
Fluoride	mg/L	No interference	No interference	No interference
Ammonia	mg/L	< 1	< 1	Max 5
Apparent Hardness	mg/L CaCO ₃	< 1	< 1	Max 500
Iron	mg/L	< 1	< 1	Max 10
Manganese	mg/L	< 1	< 1	Max 10
Nickel	mg/L	< 1	< 1	Max 10
Cadmium	mg/L	< 1	< 1	Max 10
Silver	mg/L	< 1	< 1	Max 10

Remarks: The above tested sample meets the specification limits as per BS 6920: Part 2: 2006.

Test method variations: None

AS191 certifies that the above tests were carried out in accordance with the BS 6920 Part 2: 2006 & ICP-OES. Samples collected and delivered by the client. Details of sample collection and transportation which may affect the accuracy of the results were not provided by the client.

This report relates only to the sample tested and shall only be reproduced in full and with the written approval of AS191 Laboratories.

Ajith Mathan
Head of Chemistry Department



Ajith K. Mathan
Division Manager - Life Sciences
For Al-Hoty Stanger Laboratories

