

Service des acquisitions

Le 1<sup>er</sup> avril 2008

Monsieur Raymond Lalumière, représentant  
Ameta Solution  
3556, boul. des Entreprises  
Terrebonne (Québec) J6X 4J8

Objet : MÉTAFLUX - Revêtement de zinc pour structures d'acier  
N/Réf : GUQ-0412

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Monsieur,

Pour faire suite à la conversation téléphonique que vous avez eue avec Madame Jocelyne St-Pierre, le 4 mars dernier, je vous confirme que le produit cité en objet est considéré comme «Produit éprouvé» par le ministère des Transports.

La Direction des structures du Ministère est d'avis que, même si le produit Metaflux 70-40 n'a pas de certificat de conformité par rapport à la norme CAN/CGSB 1.181, il est jugé acceptable pour des retouches ou des déficiences mineures sur un revêtement galvanisé, étant donné que le produit a démontré de bonnes performances dans le cadre d'essais en laboratoire effectués au Ministère.

Il nous semble utile de vous rappeler que cet avis technique, qui est favorable à l'utilisation de votre produit, ne constitue pas un engagement du Ministère à acheter ce produit car, selon les besoins, cette décision revient à chaque direction territoriale du Ministère.

Nous vous prions d'agréer, Monsieur, l'expression de nos sentiments les meilleurs.



Théhien Dang-Vu, ing., chef du Guichet unique  
de qualification des produits et des fournisseurs

TDV/lu

c. c. MM. Roch Huet, ing., chef du Service des acquisitions  
Martin Taillefer, président, Ameta Solution

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National Stock Number:

7520-99-212-4616

Federal Supply Class:

7520

National Item Identification Number:

992124616

Description:

PAINT,ZINC RICH,PAS

Manufacturer Information:

022IV-001	<a href="#">U9124</a>	MINISTRY OF DEFENCE, CODE RESERVED FOR THE USE OF UKNCB/CODIFICATION
70-40	<a href="#">KD312</a>	METATEC LTD

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5420-C-125-522

ARMY EQUIPMENT  
SUPPORT PUBLICATION

**REPAIR POLICY**

7 It is the policy of Mabey & Johnson Ltd to repair by replacement of damaged components in order to maintain structural integrity. If, however, during the course of the inspection routine the need for emergency welded repairs is identified, then they must be carried out in a well ventilated area in accordance with the procedures in Annex A. It should be noted that welded repairs should only be carried out in the most extreme circumstances and the user should endeavor to repair by replacement wherever possible.

8 Disposal of LSB Components. The disposal of Logistic Support Bridging and ancillary component sets will be in accordance with Joint Supply Publications (JSP) 336, Pamphlet 9, Defence Supply Manual, Disposal By Sale. There are no specific hazards associated with LSB disposal other than noting the appropriate Warnings and Cautions highlighted in the AESPs.

**PROTECTIVE TREATMENT FOR CORRODED OR REPAIRED AREAS**

9 The preferred protective treatment method is as follows:

METAFLUX 70-40 ZINC PASTE (NSN \*\*\*\*-\*\*-\*\*\*\*) - NSN required (NSN 7520/99/2124616)

METAFLUX 70-43 ZINC SHEEN SPRAY (NSN 7520-99-590-1459)

**WARNINGS**

- (1) USE ONLY IN WELL VENTILATED AREA
- (2) AVOID EYE CONTACT
- (3) (METAFLUX 70-43), DO NOT APPLY NEAR OPEN FLAME OR TO HOT SURFACE
- (4) USE HAND PROTECTION, SOLVENT RESISTANT GLOVES, FOR METAFLUX 70-40

10 This system is recommended for the renovation of corrosion, staining, for the protective coating of welded repairs and for maintaining the minimum required galvanizing thickness when outer layers of zinc have been damaged or flake off due to impact. The method of preparation and application is as follows:

- 10.1 Remove all loose material and contaminants.
- 10.2 Thoroughly clean the area with a wire brush to remove all corrosion.
- 10.3 Apply a coat of 'Metaflux Zinc Paste' to thickness of 30microns and allow to dry. The zinc paste can be applied with a brush. Please note that more than one coat may be required to achieve the specified thickness.
- 10.4 Apply a coat of 'Metaflux 70-43' aerosol zinc sheen spray and allow to dry.
- 10.5 Apply further coats of zinc sheen spray allowing individual coats to dry before the next application until a finished protective thickness of between 80 and 120 microns is achieved.

11 Where the extent of corrosion or damage of zinc due to impact on LSB items is extremely small e.g. 2-3cm<sup>2</sup>, it is acceptable to ignore step 10.3. If corrosion exists over an area > 10cm<sup>2</sup> then the item must be replaced. If the zinc has been damaged due to impact but the steel/zinc alloy layer is still intact, areas > 10cm<sup>2</sup> can be renovated. For all areas of staining, it is acceptable to ignore step 10.3 and to renovate areas > 10cm<sup>2</sup>.

**SPARES**

12 Columns (11) and (12) indicate the lowest information level at which spares are to be used.