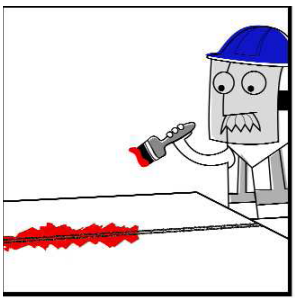
STAINLESS RESTORATION LTD

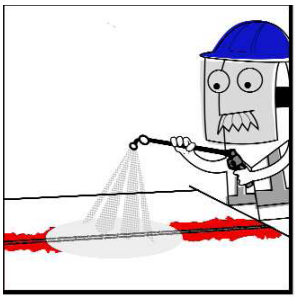
PICKLE PASTE - LOW STRENGTH

enerjex 120

PRODUCT:	ENERJEX 120
APPLICATION:	200, 300 400 SERIES STAINLESS STEELS NICKEL ALLOYS * ALUMINIUM ALLOYS* FOR SUITABILITY ON OTHER GRADES PLEASE CONSULT OUR SALES DESK.

GENERAL:





Enerjex 120 has been formulated to operate at the lower end of the corrosion resistant gradient. It is particularly suitable for the pickling of 3Cr12 grade steels (EN1.4003) and also aluminium grades. This product has all the main features of a standard Enerjex pickling paste such as Enerjex 130 in terms of feel, texture and performance.

Can be used for Pickling surfaces that have:
Rust contamination from tooling marks
Oxide / heat bloom removal following welding or heat treatment
Low etch pickling of 300 series cold rolled sheet stainless steels without leaving a white etched "halo" effect around the weld HAZ after pickling.

CHEMICAL PROPERTIES:

Composition:	Nitric acid Sulphuric acid Binding agent
Form:	Gel
Density:	1.2 kg/l
pH:	0
Flash point:	-

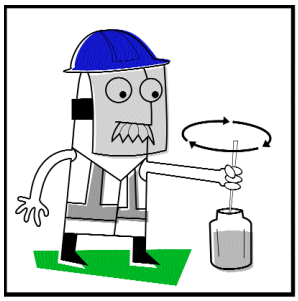


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PICKLE PASTE - LOW STRENGTH

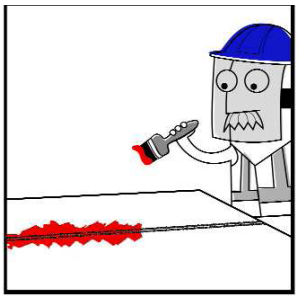
enerjex 120

HOW TO USE:

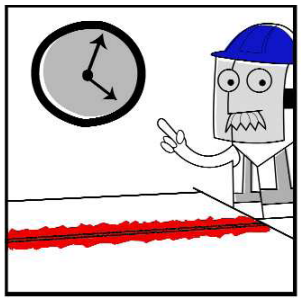


1) It is important to shake the pickle paste jar properly to ensure thorough mixing of the solution.

Warning: Make sure the lid / cap is fastened tightly before shaking. Alternativly you can mix the paste with a plastic or wooden stirrer.

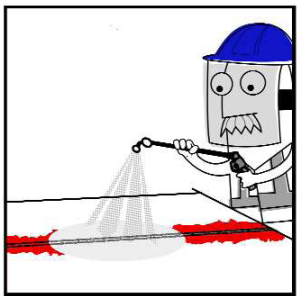


2) Apply the paste generously and evenly along the weld seam. The paste will spread approx. 50m per/kg @ 50mm wide. The brush supplied is a plastic acid resistant material. Wash the brush after use for both safety reasons and to prolong its life.



3) The paste should be left on the surface in contact with the weld zone untill all weld oxide / rust contamination is removed (pickled).
The length of contact time is a function of time / temperature and grade of st/steel.

There is little chance of over pickling since once the acid is spent it ceases to function. If the paste is allowed to dry then excessive staining will result.



4) It is important that the acid / pickled surface is removed by a firm mechanical action. Ideally a high pressure power washer is prefered. However, if not practical a scotch bright cloth dipped in water can be used to loosen the oxide scale and rinse the area. Thorough rinsing is vitally important to prevent stains.

Consider passivation later.
See Enerjex 600C4, 610 & 630 data sheets.

PACKAGING:

Enerjex 120 is supplied in 2kg (1.5lt) containers. Larger sizes on request.

All containers are UN certified and carry correct labelling.

STORAGE:

Enerjex 120 should be stored indoors at room temperature.

Containers must be kept in an upright positionand the caps properly sealed and away from unauthorised persons.

SAFETY FIRST:

As always when using chemicals proper protective clothing must be worn;
See Safety Data (SDS) sheets. Only trained persons to use this product.
SRL can help with the training and safe use of this product.

ENVIRONMENT:

The waste produced after pickling needs to be collected and neutralised before entering the public sewage system. Stainless Restoration Ltd offer neutralising products to assist in this cause. Stainless Restoration Ltd will give advice FREE of any charge concerning disposal issue. See Safety Data (SDS) sheets.

Information given in this leaflet may be subject to alteration without notice
care has been taken to ensure that the contents of this publication are accurate but Stainless Restoration Ltd do not accept responsibility for error or for information which is found to be misleading. Suggestions for or descriptions of the end use or application of products or methods of working are for information only and the company accept no liability in respect therof. Before using products supplied or manufactured by the company the customer should satisfy himself of their suitability. If further assistance is required, the company which has access to extensive research facilities, will often be willing to help.

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