STAINLESS RESTORATION LTD

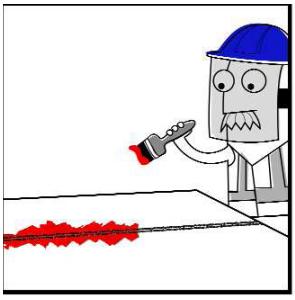
PICKLE PASTE - HIGH STRENGTH

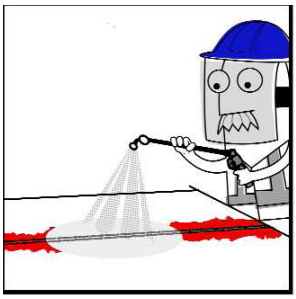
enerjex 140

PRODUCT:	ENERJEX 140
APPLICATION:	300 SERIES STAINLESS STEELS DUPEX STAINLESS STEELS NICKEL ALLOYS - Hastelloys, Inconels. FOR SUITABILITY ON OTHER GRADES PLEASE CONSULT OUR SALES DESK.

GENERAL:

This product has all the main features of a standard Enerjex pickling paste such as Enerjex 130 in terms of feel, texture and performance.





Rapid pickling times can also be achieved.
Specifically designed for use with THICK SECTION 300 series stainless steel and in particular Duplex family plus difficult Nickel alloys such as Hastelloy C22, C276 and Inconel 625. High Moly grades.

Can be used for Pickling surfaces that have:
Rust contamination from tooling marks
Rust contamination from grinding / plasma cutting operation
Oxide / heat bloom removal following welding or heat treatment
General pickling to brighten the surface of stainless steel.

CHEMICAL PROPERTIES:

Composition:	Nitric acid Hydrofluoric acid Binding agent
Form:	Paste
Density:	1.3 kg/l
pH:	0
Flash point:	-

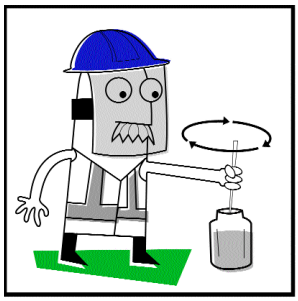


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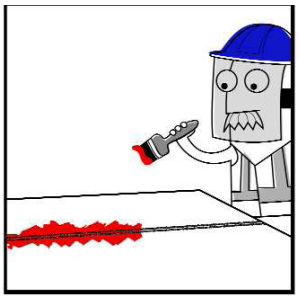
enerjex 140

HOW TO USE:

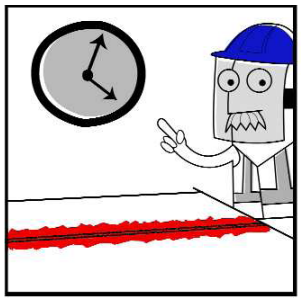


1) It is important to shake the pickle paste jar properly to ensure thorough mixing of the solution.

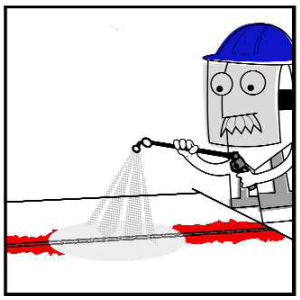
Warning: Make sure the lid / cap is fastened tightly before shaking. Alternativly you can mix the paste with a plastic or wooden stirrer.



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, however bad staining will result if left to dry.



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

All containers are UN certified and carry correct labelling.

STORAGE:

Enerjex 140 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 should/must be worn;

rubber boots, protective gloves, rubber apron and face visor.See Manufacturer's Safety Data (MSD) sheets.

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 Manufacturer's Safety Data (MSD) sheets.

Information given in this leaflet may be subject to alteration without notice
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