

Technical Data Sheet



Product Name:

Erosion Resistant Coating

Product Number:

Adiprene-LW-520 / Ethacure 100

Product Description:

Poly-ether based liquid coating prepared with an aliphatic diisocyanate that yields a tough flexible coating

Approvals/Specifications:

MSRR 9212 / MSRR 1040

Performance:

Clear Erosion Resistant coating for use as an abrasion and erosion resistant coating. Typically used as protective coating where composite components require protection from rain and sand erosion.

Components:

Two component product.
Mixing Ratio: 10 parts Adiprene-LW-520 to 1 part Ethacure 100 parts by volume (100 : 9.7 parts by weight). Note pot life is temperature dependent; at elevated temperatures the pot life can be reduced to a few minutes

Application:**Surface Preparation:**

Ensure surfaces to be coated are clean and free from dust, dirt etc. Typically applied over MSRR 9064 epoxy primer and colour coats.

Paint Preparation:

Adiprene-LW-520 is supplied as a high viscous material at room temperature. Pre-heat in a water bath to reduce viscosity for mixing and application

Application Method:

Apply by spray; can be sprayed at elevated temperature or thinned as required with thinner 665-550-025 or MEK

Drying Curing:

Flash off: 10 minutes
Full cure achieved after 16-24 hours

Technical Data Sheet



Technical Properties:

Supply Viscosity:	10,000-16,000 cps @ 50°C 900-1,000 cps @ 100°C
Flash Point:	N/A
VOC Content:	0 g/litre
Colour:	Clear
Pack Size:	Adiprene 1 kg, Ethacure 500g
Density:	Adiprene 1.03 kg/litre Ethacure 1.02 kg/litre
Gloss:	Glossy
Thinner:	665-550-025 or MEK
Solvent/Clean Up:	40006 Gun Cleaner
Catalyst:	Use as Kit
Theoretical Coverage:	10 sq m/litre @ 1000 microns

Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

Shelf Life: 12 months temperate; 6 months tropical

Before use, refer to Product Safety Data Sheet

Disclaimer:

The information printed in this publication is based upon the research and experience of Indestructible Paint Ltd. No representation of warranty is made, however, concerning the accuracy or completeness of the information presented in this publication. Indestructible Paint Ltd make no warranty or representation of any kind, express or implied. Including without information limitation any warranty or merchantability or fitness for any particular purpose, and no warranty or representation shall be implied by law or otherwise. Any products sold by Indestructible Paint Ltd are not warranted as suitable for any particular purpose to the buyer. The suitability of any products for any purpose in particular to the buyer is for the buyer to determine. Indestructible Paint Ltd assumes no responsibility for the selection of products suitable to the particular purpose of any particular buyer. Indestructible Paint Ltd shall in no event be liable for any special, incidental or consequential damages.

Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

Tel: +44(0)121 702 2485

Email: sales@indestructible.co.uk