

HYLOMAR HYLOSEAL 600

Pre applied under head sealant

Description

Hylomar Hyloseal 600 is a two-part epoxy resin system, especially designed for bonding/sealing clinch nuts or bolts. It will form a very strong bond with most metals, rigid plastics, ceramics and wood.

Hyloseal 600 is easy to use and is supplied in a twin pack cartridge with a mixing nozzle.

Properties, packed product

	Resin	Hardener
Colour	White	Lemon Yellow
Mix Ratio	1 Part Resin to 1 Part Hardener (by volume)	
Specific Gravity	1.26	1.02
Viscosity	30,000 cps	30,000 cps
Shelf Life	9 months*	9 months*

* When stored in the original unopened containers between 5°C to 25°C.

Properties, mixed product

Colour	Yellow
Pot Life	Approximately 45 minutes @ 22°C
Cure Time	30 minutes @ 100°C
Hardness, Shore D	50
Specific Gravity g/ml	1.14
Shear Strength : Aluminium/Aluminium	10 N/mm ²
Mild Steel/ Mild Steel	14.2 N/mm ²
Shelf life on coated components	Expected to last the life of component.

Instructions for use.

To ensure a consistent coating of the Hylomar Hyloseal 600 on the component surface, it is best applied via automatic dispensing equipment. An uneven coating height will create differing compression levels along the sealant bead.

Hylomar Ltd can recommend suitable dispensing equipment.

Information given in this publication is based upon technical data gained in our own and other Laboratories and is believed to be true. However the material is used in conditions beyond our control thus we can assume no liability for results obtained or damages incurred through the application of the data present herein.

Hylomar Ltd, Cale Lane, Wigan WN2 1JT UK Tel: +44 (0) 1942 617000 Fax: +44 (0) 1942 617001	Revision date	28.04.2008	Page 1 of 2
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Typical Applications

Hylomar Hyloseal 600 is ideally used as a replacement for traditional independent gaskets or seals such as copper / fibre washers & doughy seals. When used as an under-head sealant or on clinch nuts, the elimination of traditional types of gaskets can improve productivity/ assembly time. It can also give financial saving from a 'piece-part' and inventory view- point.

Hylomar Hyloseal 600 has been tested and is resistant to immersion in most automotive oils, standard mineral and synthetic variants at temperatures up to 150°C (302°F) and water / anti-freeze mixture (50/50%) up to 120°C (248°F).

Handling and Safety Properties

Hylomar 600 resin & hardener is classified as Xi, Irritant.

For part A, Risk phrases = R36/38, R43 and R51/53. Safety phrases = S24/25, S26 and R36/37.

For part B, Risk phrases = R38, R41 & R43. Safety phrases = S24/25, S26 and R37/39.

However once applied and cured, Hylomar Hyloseal 600 is inert and not classed as hazardous.

Packages

Please contact our Sales department for details.

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