

Marine (A3703 A/B)

Hypalon Adhesive (2K Polychloroprene)



Apollo Marine (A3703 A/B) allows you to securely bond and safely repair Hypalon products, including boats, marine fenders, dracone barges and wet suits. It is a two-component 'contact type' adhesive (2K Polychloroprene) that offers the following benefits:

- Securely bonds Hypalon
- Extremely versatile
- Withstands extreme environmental conditions
- Minimises costs
- Reduces task-time



Securely bonds Hypalon: developed specifically for bonding Hypalon

Hypalon is ideal for creating marine products because it is hardwearing, yet flexible. It is also resistant to chemicals, extreme temperatures and ultraviolet light. However, these properties also make it difficult to bond. Apollo Marine (A3703 A/B) ensures a strong bond because it has been developed to take into account the unique properties of Hypalon.

Extremely versatile: will also bond a range of other materials

Apollo Marine (A3703 A/B) is extremely versatile. Although developed specifically for bonding Hypalon, it will also bond polychloroprene, butyl and nitrile. The versatility of Apollo Marine (A3703 A/B) reduces the number of products you need to store onsite. It is also suitable for use as a one-component product for temporary repairs, which is highly convenient if a repair needs to be dealt with quickly and effectively.

Withstands extreme environmental conditions: heat, chemical and water-resistant

Many Hypalon products are subject to wear and tear; boats, marine fenders and dracone barges are subject to harsh treatment when in unsettled waters, whilst wet suits are placed in and out of sea water and left to dry in the sun. Most adhesives could not withstand such extreme conditions. Apollo Marine (A3703 A/B) ensures a safe and secure bond in these conditions because it has a temperature resistance of -30-120°C and is resistant to both sea water and chemicals.

Minimises costs: removes the need for expensive application equipment

Apollo Marine (A3703 A/B) minimises cost because it removes the need for expensive application equipment. It comes supplied as a simple-to-use two-component kit (adhesive and curing agent), which is quickly and easily applied with a roller or brush.

Reduces task-time: fast-tack and develops 'contact type' bonds

Apollo Marine (A3703 A/B) helps to reduce task-time and improve manufacturing efficiency. It develops tack in as little as 5-15 minutes and forms a 'contact type' bond. This gives the joined substrates excellent handling strength, which allows you to move on to the next stage in the process quickly.

Hypalon Adhesive (2K Polychloroprene)

Instructions for use:

Apollo (A3703 A/B) is a two-component product, which consists of an adhesive (A3703/part A) and a curing agent (A107/part B).

Substrate preparation/priming:

1. Ensure surfaces to be bonded are clean and free from grease and other contaminants. We recommend that you abrade substrates with a clean emery cloth or wipe with Solvent 6.

Application:

1. Mix components A (adhesive) & B (curing agent) of Apollo Marine (A3703 A/B) for five minutes (approximately). Ideally, mix in the proportions supplied or by components A & B at a ratio of 100:6 by weight.
2. Apply an even coat of the mixed adhesive to both surfaces with a brush, roller coater or serrated trowel. Allow the adhesive to dry for 5-15 minutes or until it is dry to touch (knuckles).

Please note: Applying two thin coats of adhesive is preferable to ensure maximum adhesion. Leave the first coat to dry for approximately 20-30 minutes

before applying the final coat. Allow the final coat to dry for 5 to 15 minutes.

3. Join the surfaces together using as much pressure as possible. This is to prevent air entrapment. Components may be handled within minutes of being bonded.

Packaging:

Apollo Marine (A3703 A/B) comes supplied in 1 litre and 5 litre lever lid tins, which are easy to open. Apollo Marine (A107) is supplied in a 40ml and 200ml glass bottles.



5 litre lever lid and 200ml glass bottle

Technical Data

Base	Polychloroprene	Tack-Life (20°C)	5-15 minutes
Pot-Life (20°C)	4-6 hours	Coverage	4m ² /litre
Appearance	Neutral	Cure-Time (20°C)	48 hours/6 days to achieve maximum strength
Application Temperature	5-30°C	Viscosity	3,000cps
Temperature Resistance	-30-120°C	Storage	5-25°C
Environmental	See MSDS		

IMPORTANT NOTES:

Temperature and timings: All information on temperature and timings represent normal working conditions and is provided as a guideline only. However, please contact Apollo for advice if you wish to operate outside of these parameters.

Storage and handling: The product should be stored unopened in a dry condition at a temperature of 5-25°C. This will ensure the stated shelf-life. The adhesive will have a limited life once the container is opened.

Disclaimer: Apollo has taken care to ensure that the information provided in the literature is correct and up to date. However, it is not intended to form any part of a contract or provide a guarantee. Purchasers/intending purchasers should contact Apollo to check whether there have been any changes to the information since publication of the literature. Please ensure you have read the hazard labels and material safety data sheet before using this product.

Please contact your Apollo Account Manager or Apollo Distributor if you require further information on Apollo Adhesive Solutions and/or on our product range (www.apolloadhesivesolutions.co.uk). If this specific product does not meet your exact requirements, please ask us about the product variations we offer or whether we can work with you to develop a bespoke solution (subject to volume).