Apollo (A8513)

Non-Flammable, Low-Pressure, Sprayable Primer and Adhesive

Apollo (A8513) is a non-flammable, low-pressure, sprayable, synthetic rubber-based primer. It is designed primarily for priming polyurethane foams prior to the application of adhesive tapes and films etc. Apollo (A8513) can be used in automotive trim applications. Apollo (A8513) can also be used as a conventional low solids sprayable adhesive. Apollo (A8513) exhibits fast-drying characteristics, aggressive tack, a long bonding range, high bond-strengths and provides an economical and efficient means of bonding non-structural components.

As well as being suitable for bonding flexible foams to each other, Apollo (A8513) is also recommended for bonding foam to metal, chipboard, hardboard and GRP etc., and for the attachment of furnishing fabrics, such as hessian, felt, polyester and other upholstery padding materials. It can also be used for bonding a wide range of insulation materials to metal ducting etc.

Technical Data

Base	Synthetic Rubber	Viscosity	250-400CPS
Appearance	Neutral/tinted/Red	Tack-Life	1-way: 0-1 minutes (approx.) 2-way: 1-20 minutes (approx.)
Temperature Resistance	-30 to 75°C	Storage	5-25°C
Application Temperature	5-25°C	Shelf Life	12 months
Coverage	10-13m^2/L approx.	Environmental	Solvent-Based/ Hazardous

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Instructions for Use:

Surface preparation

1. Ensure surfaces are clean and free from debris, fungal growth and any other contaminants before use.
2. Cut foam should be free from silicone lubricants.

Application

1. Apollo (A8513) may be sprayed through most equipment although it has been designed specifically for low-pressure applications. Excellent results may be obtained using a material pressure of 10-15psi and atomising pressure of 30-40psi is adequate.
2. When priming polyurethane foams, apply Apollo (A8513) to the foam and allow to dry for at least 5 minutes prior to the adhesive tape application.
3. For use as an adhesive, apply Apollo (A8513) to both surfaces to be bonded (except in special cases) and bond immediately or for up to 20 minutes afterwards. Under conditions of high humidity, condensation of moisture on the surface may occur causing a pale 'bloom'. Under these conditions an unsatisfactory bond is likely. In some cases, bonds can be made employing a one-way-stick technique. The adhesive is applied to one surface only, normally the least porous. In such cases, the bonds should be consolidated within 3 minutes.

Special comments

1. Apollo (A8513) may be used on expanded polystyrene chair shells provided care is taken to hold the spray-gun at a sufficient distance to allow most of the solvent to evaporate before the spray reaches the chair shell.
2. Apollo (A8513) is normally pale Amber in colour, but may be tinted Red or Blue, on request, to allow easy observation of coverage.

Notes: Please contact Apollo if you have any questions regarding specific substrate preparation or application guidelines.

IMPORTANT NOTES

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.

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.

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.

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