The company SYNTHOS S.A. grew out of the companies: Dwory S.A. and Kaucuk a.s. The current name of the company - SYNTHOS derives from a fusion of two words of Greek origin, synthesis (join) and orthos (proper, right). SYNTHOS S.A. manages production plants in Poland, Czech Republic, Netherlands and France.

The business activities of SYNTHOS S.A.
are focused on the following product groups:

- synthetic rubbers
- styrenics
- acrylic and vinyl dispersions
- dispersion adhesives
- styrene-butadiene latex
- plant protection products
- liposomes

SYNTHOS S.A. is the largest European manufacturer of synthetic rubber and expandable polystyrene (EPS). The dynamic development of the company in the recent years has resulted in an enterprise that is capable of competing with global chemical corporations and launching modern products of very high quality on the market.

SYNTHOS S.A. places strong emphasis on the quality and effectiveness of its customer service and development of innovative products. Use of ecological-based technologies is one of our priorities. Our efforts have resulted in the implementation of a certified Integrated Quality, Environment, Safety and Health Management System.

SYNTHOS Adhesives are dedicated to woodworking industry under the WOODMAX® brand, as well as to packaging and printing industries under the PAPERMAX® brand. The products produced by us are the No. 1 product on the Polish market.

Woodmax® adhesives are synthetic, based on poly(vinyl acetate) dispersions, also referred to as white adhesives. Synthetic adhesives are an almost exclusive agent used to bond wood and wood-based materials. PVAc based aqueous adhesives are thermoplastic adhesives, which become elastic at higher temperatures (above 50°C) and subsequently become plastic. Due to high wood and wood-based products adhesion, quick bonding, no negative environmental impact and easy application, PVAc adhesives are used mostly in door, window, stairs and furniture manufacturing.

We offer products in all classes of water resistance form D1 to D4, with selected products meeting high thermal resistance standards in accordance with WATT’91.

WHY WOODMAX®?

DURABILITY
WOODMAX® products are designed using advanced technologies which translates into very good physicomechanical properties and guarantees durable bonds and safe use for many years.

BOND RESISTANCE
Very good resistance parameters of WOODMAX® adhesives result in the final bond resistance being higher than the resistance of the bonded wood.

ECOLOGY
We examine our products influence on the environment. WOODMAX® adhesives are environmentally-friendly agents among wood adhesives, they do not contain substances harmful to health and they are easy to use.

QUALITY
IFT Rosenheim certificate confirming D3 and D4 water resistance, as well as high thermal resistance WATT’91 (EN 14257), IKEA IOS-MATT standards and ISO certificates.
**Adhesive features**

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**WE OFFER**

- top quality adhesives comparable to products of major European manufacturers, which has been proven in numerous tests carried out by the leading players of the Polish sector of wood and wooden material
- technical support
- testing of adhesives and joints in laboratories (internal and external with international accreditation)
- developing new adhesive products, tailored to the customer’s requirements
- assistance in implementations and technical tests of new adhesives
- support in solving technical problems
- product testing

In our Technological Center we provide complex technical tests and develop new adhesive formulations. We also prepare special recipes of our products according to our customer’s requirements. We have our own research center in a form of an application laboratory, what makes a possibility to add new products to our portfolio and offer innovative solutions to meet the growing demands of our customers.