

synthos



bioset®



SAFE FOR HUMAN
SAFE FOR ENVIRONMENT

Bio-based adhesives...

are products partly derived from biomass, mainly of plant origin. We distinct two types of BIO products, based on biomass content:

- **Mass balance – ISCC Plus certification** – a certified system for mixing raw materials from fossil and renewable sources in existing production processes
- **Actual BIO content** - use of biomass raw materials with diligent control of their content in the finished product. All testing is performed in line with EN 16640 standard;

Thinking about sustainable development, **we have introduced adhesives based on bio-based raw materials** intended for the wood and furniture market, as well as for paper and packaging. Our bio adhesives **meet all strength and durability requirements**, maintaining at the same time features and properties expected from Synthos adhesives based on fossil fuels.

Our adhesives...



are biodegradable



are compostable



are certified for contact with food



can be used for toys manufacturing (PN-EN 71-3:2019-07)



have a high temperature resistance WATT'91 (EN 14257)



are waterproof in the classes D1-D4 (EN 204)

Examples of applications:

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wood

Wood and furniture market:

- Bonding:
 - of hard and soft wood,
 - of plywood and other wood-based materials,
 - in hot/cold presses,
 - in high frequency presses,
 - manually.

bioset[®]
paper

Paper and packaging industry:

- Adhesives intended for:
 - lamination,
 - packaging production,
 - paper tubes,
 - angle edge protectors,
 - hygienic paper,
 - paper straws,
 - honeycomb.

In thinking about the sustainable development of the company, how to respond to the expectations of our business partners and take responsibility for the quality of life for the future generations, **we chose to adopt a sustainable development strategy for the Synthos Group until 2030 - EVERGREEN.**

The strategy adopted assumes the **production of 100% sustainable products**. The company aims to achieve this goal by adding innovative solutions with a **smaller environmental footprint to its portfolio and by introducing bio-based raw materials into its production.**

2030

For more information on the full range of BIO adhesives, please contact our sales department.

AT SYNTHOS WE PROVIDE FRIENDLY SOLUTIONS, THAT HELP CHANGE THE WORLD.



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Synthos received ISCC Plus certification in the first half of 2022. ISCC Plus is part of the EU-approved International Sustainability and Carbon Certification Scheme that enables companies throughout the supply chain to demonstrate the sustainability of their products based on traceability and mass balance requirements. Certification is carried out by an external accredited certification body.