

KLEIBERIT **BIO** PRODUCTS ADHESIVES FOR MORE SUSTAINABILITY AND LESS CO₂



KLEIBERIT BIO adhesives enable the sustainable and responsible design of bonding processes and the resulting end-products.

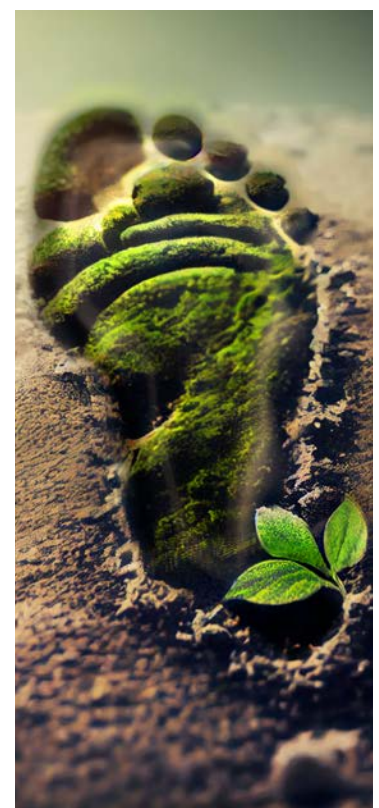


ADHESIVES WITH NON-PETROLEUM BASED RAW MATERIALS

Many adhesives are based on crude oil or natural gas. However, these fossil raw materials are limited and their use must be re-considered. The avoidance of fossil raw materials and the use of renewable raw materials is a correct and necessary step towards reducing CO₂ emissions. In this context, it is important to us at KLEIBERIT that the bio-based raw materials never compete with food production. It goes without saying that KLEIBERIT products with bio-based materials have the same heat and moisture resistance as their counterparts without bio-based materials. These characteristics are especially important for PUR hotmelt adhesives.

PUR HOTMELT ADHESIVES WITH BIO-BASED MATERIAL

Product	Application Examples/Properties
702.0.80	Wrapping simple profiles, Completeline process
702.7.85	High viscosity wrapping adhesive for laminating films and laminates with higher material tension on wood-based and suitable plastic profiles
702.8.88	Wrapping adhesive with very high initial strength
704.8.80	Wrapping adhesive suitable for a variety of substrates (PVC, aluminum, wood-based materials)
707.6.80	Edge adhesive with pronounced tackiness, all-rounder, color natural
707.6.81	Edge adhesive with pronounced tackiness, all-rounder, color white
707.9.85 	Edge adhesive Micro-Emission (monomeric diisocyanate content < 0,1 %), no labelling requirement
707.9.89	Edge adhesive for industrial lines with high line speeds, contains UV-Marker
701.3.80	Textile adhesive for leather, membranes and other textiles
713.7.85 	Automotive adhesive (interior), universally processable, MicroEmission (monomeric diisocyanate content < 0,1 %), no labelling requirement
713.7.84	Automotive adhesive with extremely short tack-free time and low reactivation temperature (60 °C)





ADHESIVES WITH BIO-BASED MATERIAL FOR A VARIETY OF APPLICATIONS

Adhesive Group	Product	Application Examples/Properties
Pressure Sensitive Hotmelt Adhesive	728.6.80	Packaging adhesive for thermoplastic foils
EVA Hotmelt Adhesive	732.0.80	Universal packaging adhesive
EVA Hotmelt Adhesive	742.3.80	Wrapping adhesive for decorative papers, suitable for CompleteLine
EVA Hotmelt Adhesive	743.5.80	Wrapping adhesive for decorative and thin papers
EVA Hotmelt Adhesive	743.7.80	Wrapping adhesive for thin papers, very high surface quality
EVA Hotmelt Adhesive	773.3.80	Edge adhesive, filler-free, very high initial strength
EVA Hotmelt Adhesive	773.8.80	Edge adhesive, very high initial strength
EVA Hotmelt Adhesive	779.7.80	Edge adhesive, also suitable for edge pre-coating
EVA Hotmelt Adhesive	782.0.80	Edge adhesive in cartridge form
PUR Adhesive	507.8.07	D4 glue for wood and mineral based materials
PVAc Dispersion	380.3	D3 glue for wood based material, D4 with hardener



Many of KLEIBERIT's adhesive sectors already have products containing bio-based material, and our R&D department is constantly expanding the product portfolio. In addition to performance that is at least comparable in performance to standard adhesives, reliable availability and smooth processing on industrial lines are of primary focus.

To summarize: the newly developed and modern KLEIBERIT BIO adhesives offer the familiar performance and efficiency and at the same time make an active contribution to environmental protection, moving away from petroleum-based raw materials and towards raw materials from renewable resources.

Let our engineers and developers advise you. Together we will find the right solutions and KLEIBERIT BIO product for your individual process. Contact us directly by email, phone or visit our website:

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