

03/05/2025 Circular Economy Coatings Press release

Siegwerk Achieves Home Compostability Certification for CIRKIT NATUBAR PR4798 and CIRKIT NATUBAR CT4326 Water-Based Coatings

Revolutionizing Sustainable Packaging with TÜV Austria Certification



Siegwerk proudly announces the certification of its CIRKIT NATUBAR PR4798 and NATUBAR CT4326 water-based coating for home compostability in compliance with EN 13432, issued by TÜV Austria.

The CIRKIT NATUBAR PR4798 and CIRKIT NATUBAR CT4326 are revolutionary water-based coatings formulated with non-modified natural polymers, designed to enhance water and grease resistance in packaging applications, today mainly used for paper plates to replace lamination. These innovative coatings not only

allow the final packaging to be in full compliance with the European Packaging and Packaging Waste Directive (PPWR) 94/62/EC and the US regulation «Model Toxics in Packaging Legislation», but are also exempt from the Single-Use Plastics Directive EU 2019/904.

Key Highlights:

- **Environmentally Friendly:** The coatings are 100 percent biobased carbon, sourced from natural resources.
- **Compostability:** The coatings are certified for home composting, which ensures that they can be composted at home without causing any harm to the environment.
- **Recyclability:** CIRKIT NATUBAR PR4798 and NATUBAR CT4326 are fully repulpable and have been tested according to the PTS method PTS-RH:021/97 cat II and CEPI Lab Test method v2, achieving a CEPI-scorecard result of 100 percent.
- **Product Safety:** Formulated using non-modified natural polymers approved for use in food, the coating is safe for direct food contact and has been certified by independent laboratories.

"Achieving TÜV Austria certification for home compostability is a key milestone in our circular economy efforts. It shows we're meeting future packaging regulations with high performance and environmental responsibility," says Gilles LeMoigne, Business Unit Head Circular Economy Coatings. By offering a coating solution that is recyclable, compostable and biobased, Siegwerk continues to lead the industry in providing environmentally friendly packaging solutions.

For more information, please visit <https://news.siegwerk.com/paper-plates>.

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