

PAPER PLATES

Siegwerk solution: Fully natural water-based barrier coating

Solution Description

Application:

Replacing PE and other restricted plastic coatings on single use paper plates

General benefits:

- Fully natural coating, externally verified as compliant with requirements of SuPD (EU 2019/901)
- OK compost HOME certification from TUV Austria
- Circularity built-in; increase value of recovered fibre by enabling compostability and improving repulpability

Key functionality:

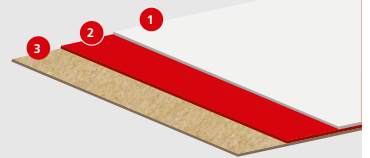
- Good oil & grease resistance
- Moderate liquid barrier
- Suitable for short-term direct food contact
- Suitable for use with DFC compatible platestock
- Optimized for 100 % natural content
- Fully repulpable through the standard waste paper stream. Tested to CEPI Test method v2, achieving a scorecard result of 100

Process:

- Compatible with all water-based printing processes
- Compatible with existing ink systems
- No primer required

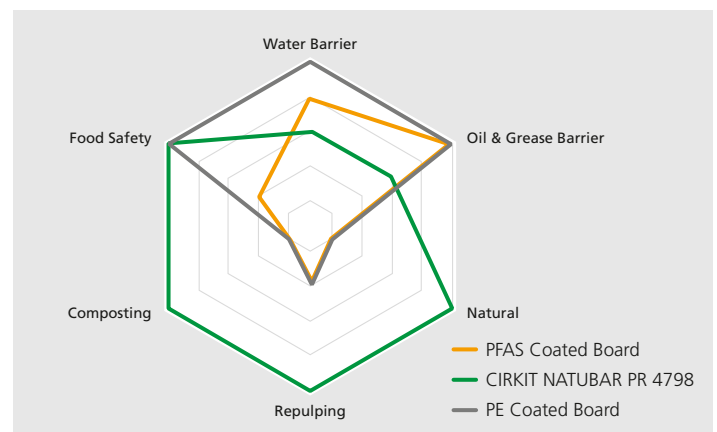
Packaging Structure

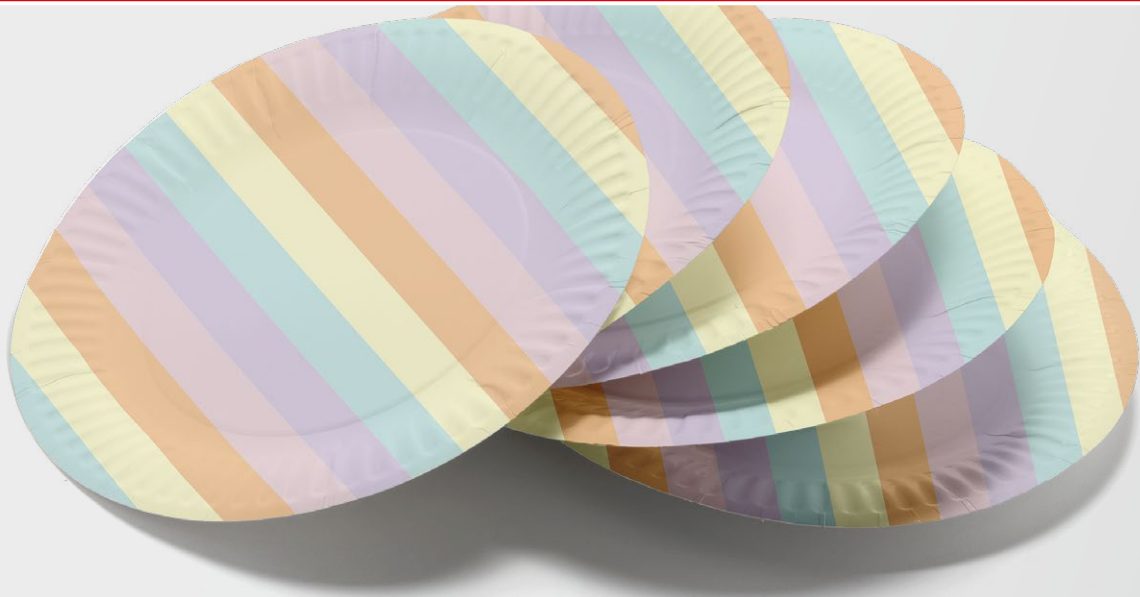
- 1 CIRKIT NATUBAR PR 4798
- 2 Water-based Siegwerk Inks
- 3 Platestock



Comparison

Comparison of PFAS Coated Board vs CIRKIT NATUBAR PR 4798 and PE Coated Board:



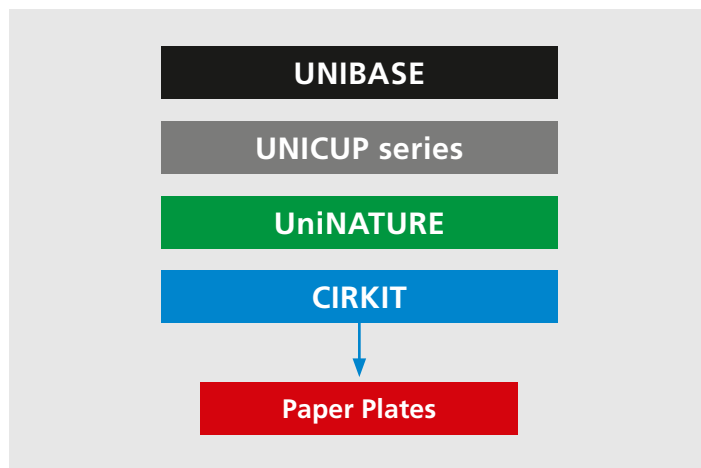


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Siegwerk solutions: Product Portfolio

Product Portfolio

From ink to coating solutions, we offer high-quality products from one central supplier.



Things go better when done together

Replacing films with barrier coated papers often requires a rethINK of the package structure. Siegwerk's experienced application support teams are uniquely placed to advise customers on coming up with ink solutions that are sometimes necessary to transition to barrier-coated paper packages. Siegwerk is committed to a comprehensive approach to sustainability. The company is always mindful of the environmental, economic, and social impact of its product development, entire production process, its customer relationships, as well as its supplier selection and employees. Sustainability means progress to Siegwerk. That's why the company is driving this new development of barrier coatings.

Please speak to your local Siegwerk contact.