

EnShield® Recycled Board

The recycled fiber solution for oil and grease resistance.

EnShield® Recycled Board is made with 100% recycled fiber, is recyclable, has an all-brown surface and provides exceptional* oil and grease resistance without intentionally added per/polyfluoroalkyl substances (PFAS). The all-brown surface provides a natural look while the broad caliper offering delivers exceptional strength, making it a perfect fit for food and foodservice applications like takeout packaging, bakery and catering.

Features

- High* level of oil and grease resistance
- Natural appearance
- Roll to roll and sheet to sheet consistency

Benefits

- Improves package performance compared to non-OGR treated paperboard and product appeal by preventing unappetizing oil and grease stains
- Strengthens packaging circularity and end-of-life recovery by being recyclable and produced with recycled fibers without intentionally added per/polyfluoroalkyl substances (PFAS)
- May appeal to consumers and brands that prefer an attractive, natural all-brown kraft exterior**

Additional product information

Sustainability

- Made from up to 100% recycled fiber
- Recyclable
- All Smurfit Westrock North American paperboard mills are certified to the SFI®, PEFC/29-31-216, FSC® Chain of Custody Standards. Contact your Smurfit Westrock sales representative for certified fiber availability for this product.
- Certificate Codes: SFI Certified Sourcing: NSF-SFI-CS-6S751, SFI CoC: NSF-SFI-COC-6S751, PEFC: NSF-PEFC-COC-0000751, FSC: SA-COC-010294.

Environmental and safety

- Notices under US California Proposition 65 and the EU REACH regulation are not required.
- Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.

Food contact

- Meets multiple national requirements for food contact packaging, e.g., US and Canada. Contact your sales representative for information on specific markets and end uses.

* High is defined by Smurfit Westrock as a KIT test result of 8+

** Smurfit Westrock 2017 Consumer Study showed that consumers were more likely to agree that brown packaging is "natural" versus white packaging

PRODUCT GUIDE

Applications

- Foodservice takeout packaging
- Food packaging
- Bakery

Product classification

- Uncoated Recycled Paperboard
- URB Paperboard

Grade availability and typical board properties (U.S.)

Grade availability by caliper								Units	Method	
Caliper (pts)		0.018	0.020	0.022	0.024	0.026	0.028	0.030	inches	T-411
Nominal basis weight		77.0	82.0	88.0	96.0	104.0	112.0	120.0	lbs/MSF	T-410
Moisture content		6.0	6.0	6.0	6.0	6.0	6.0	6.0	percent	T-412
ZDT		55	55	55	55	55	55	55	psi	T-541
Stiffness										
Taber 15°	MD	220	290	360	435	530	650	795	gf-cm	T-489
	CD	80	115	145	175	210	260	320	gf-cm	T-489
Barrier target values										
Oil & grease resistance (OGR)		12	12	12	12	12	12	12	3M Kit	T-559

Grade availability and typical board properties (Metric)

Grade availability by caliper								Units	Method	
Caliper (pts)		457	508	559	610	660	711	762	microns	T-411
Nominal basis weight		376	400	430	469	508	547	586	gsm	T-410
Moisture content		6.0	6.0	6.0	6.0	6.0	6.0	6.0	percent	T-412
ZDT		379	379	379	379	379	379	379	kPa	T-541
Stiffness										
Taber 15°	MD	21.6	28.4	35.3	42.7	52.0	63.7	78.0	mNm	T-489
	CD	7.8	11.3	14.2	17.2	20.6	25.5	31.4	mNm	T-489
Barrier target values										
Oil & grease resistance (OGR)		12	12	12	12	12	12	12	3M Kit	T-559

Values are subject to change without notice.

For more information, please contact your Smurfit Westrock representative or visit our website at westrock.com/enshield.

The information contained in this Product Guide is accurate to the best of Smurfit Westrock’s knowledge and belief. It is intended, however, only as an introduction to the typical properties of the product. Smurfit Westrock disclaims any guarantee or warranty with respect to the accuracy of this information or, based on this document, with respect to the suitability of the product for any particular use, including, but not limited to, the compliance of the product with laws, regulations, or standards. This information is subject to change without notice.

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