

BALTEK®

ContourKore Zero

Unlimited Foldability, Zero Block fall off

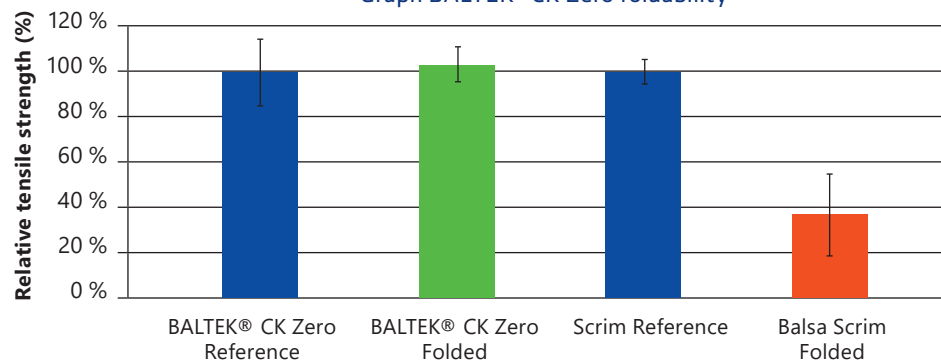
A better,
safer balsa core

BALTEK® ContourKore Zero

BALTEK® ContourKore Zero is bringing flexible balsa cores to a new level. Its revolutionary backing replaces traditional fiberglass scrim cloths, providing ultimate performance both core-alone and infused. The nonwoven polymeric fabric provides full coverage of our BALTEK® sheets, allowing it to be folded and unfolded unlimitedly without noticeable drops in performance.

3A Composites Core Materials once again proves to be at the forefront of innovation in balsa core materials by enhancing customer experience during handling, manipulation and kitting processes in the various applications of the industries we serve. The need to have more rugged material is coming directly from the fact that core materials are being used in increasingly higher average thicknesses, as parts grow larger, especially wind rotor blades.

Graph BALTEK® CK Zero foldability



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**CORE
MATERIALS**

Just like our traditional ContourKore, only better

BALTEK® ContourKore Zero has undergone the most rigorous testing and qualification programs within our R&D departments to ensure best performance, on par with the traditional fiberglass scrim. Moreover, since the new backing is not a brittle material, it will hold the

balsa modules together with virtually the same relative tensile strength* even after handling and folding sheets many times.

* Graph of relative tensile strength after 20x folding times see front page

A better, safer balsa core

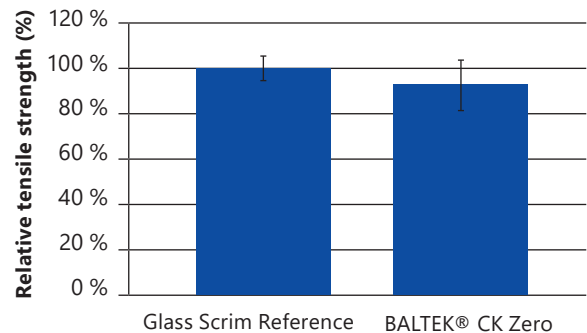
3A Composites Core Materials is fully committed to provide core materials with best-in-class total cost of ownership (TCO), thinking of our end-users need to obtain the best combination of price and properties. ContourKore Zero will lead to zero block fall off and there-

fore reduce the occurrence of repairs. Fiberglass scrim may cause allergic reactions or itching and pose a risk to those using it. ContourKore Zero material is safe to use, not only for the people handling it but also causing less wear and tear to kitting equipment.

Designed to excel in VARTM compatible with all major sandwich construction systems

BALTEK® ContourKore Zero has been tested with all major resin systems, showing no compatibility issues during infusion processes like VARTM. Also, same performance in flatwise tensile strength as for fiberglass scrim reference has been obtained, maintaining best-in-class performance of balsa cores. This test has also been carried out to test compatibility with traditional scrim, to prove excellence in performance in joint sheet areas during kitting.

Graph of flatwise tensile strength with EPOXY



Building on a sustainable, greener future

The nonwoven polyester is made of fully recyclable PET. Combined with the organic nature of balsa wood, our BALTEK® ContourKore Zero flexible sheets are the best choice for end-of-life dispositions and recyclability options. Moreover, if material is SBC, coming 100% from

FSC®-certified plantations, the first carbon neutral core material in the world*, BALTEK® ContourKore Zero is an unrivaled choice to build sustainably for a greener future.

*Validated by external consultants and in process of certification



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