

OVERVIEW FINISHING OPTIONS AMERICAS

AIREX
BALTEK



3A COMPOSITES CORE MATERIALS

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AIREX® structural foam core materials

- ContourKore, knife cut (CK kc)
- ContourKore, saw cut (CK sc)
- Mini ContourKore (MCK)
- Double Cut knife cut (DC kc)
- Double Cut saw cut (DC sc)
- Perforated (P)
- Semi-Contourkore, Grooved & Perforated (sCK GP)
- Precision Thickness (PRE)
- Single Cut (SC)
- Flexi Cut (FC)

BALTEK® structural balsa core materials

- ContourKore (CK)
- Grooved & Perforated (GP)
- Semi-ContourKore, Grooved & Perforated (sCK GP)
- Perforated (P)
- Precision thickness (PRE)
- Surface finish

3A COMPOSITES CORE MATERIALS

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AIREX® structural foam core materials

ContourKore, knife cut (CK kc)



- 1.18" x 1.18" bloc pattern
- kerf width approx. 1/64"
- glass fiber cloth on bottom side of sheet
- blocs are cut almost down to cloth

ContourKore, saw cut (CK sc)



- 1.18" x 1.18" bloc pattern (1½" x 1½" if sheet is ≥ 1")*
 - kerf width 0.035" (0.055" if sheet is ≥ 1")*
 - glass fiber cloth on bottom side of sheet
 - blocs are cut almost down to cloth
- *may be < 1" depending on product type and density

Mini ContourKore (MCK)



- 0.59" x 0.59" bloc pattern
- kerf width approx. 1/64"
- glass fiber cloth on bottom side of sheet
- blocs are cut almost down to cloth

Double Cut (DC)



Double Cut, knife cut (DC kc)

- cross grooved both sides
- groove depth 60% of thickness
- 1.18" x 1.18" bloc pattern
- kerf width 1/64"
- groove offset both sides 0.59"

Double Cut, saw cut (DC sc)

- cross grooved both sides
- groove depth 60% of thickness
- 1.18" x 1.18" bloc pattern (1½" x 1½" if sheet is ≥ 1 1/4")*
- kerf width 0.035" (0.055" if sheet is ≥ 1 1/4")*
- groove offset both sides 0.59" (3/4")

*may be < 1 1/4" depending on product type and density

AIREX[®] structural foam core materials

Perforated (P)



- punched holes (dia. approx 0.079"), sheets \leq 2"
 - drilled holes (dia. 1/8")*
 - hole distance approx. 2"
- *required for certain densities (max sheet width 24")

Semi-ContourKore, Grooved & Perforated (sCK GP)



- CK in one direction, 1.18" block (1½")
 - cross grooved both sides
 - groove width 0.024", depth approx. 1/16"
 - groove distance ¾" (no offset)
 - perforated hole dia. approx. 0.079"* , hole distance 2"
- *some products may require drilled holes (dia. 1/8"), max. sheet width 24"

Precision Thickness (PRE)



- -0.010" / +0.010" (-0.25mm / +0.25mm)

Single Cut (SC)

- grooved both sides (one direction only)
- groove depth 85% of thickness
- groove distance 1.18" (1½" if sheet is \geq 1")*
- kerf width 0.035" (0.055" if sheet is \geq 1")*
- groove offset 0.59" (¾")

*may be < 1" depending on product type and density

Flexi Cut (FC)

- cross grooved both sides (one direction only)
- groove depth 85% of thickness one side
- groove depth 25% of thickness opposite side
- groove distance 1.18" (1½" if sheet is \geq 1")*
- kerf width 0.035" (0.055" if sheet is \geq 1")*
- groove offset 0.59" (¾")

*may be < 1" depending on product type and density

BALTEK® structural balsa core materials

ContourKore (CK)



- 1" x 2" bloc pattern (2" x 2" if sheet is $\geq 2''$)
 - kerf width approx. 1/64"
 - glass fiber cloth on bottom side of sheet
 - blocs are cut almost down to cloth
- *SB.150 $\geq 1''$

Grooved & Perforated (GP)



- cross grooved both sides
 - groove width 0.024", depth approx. 1/16"
 - groove distance 3/4" (no offset)
 - perforated hole dia. approx 1/8"
 - hole distance 2"
- Option: hole distance 1", sheets $\leq 2''$
*drilled holes (dia. 1/8") for sheet thickness $>2''$ and all SB.150

Semi-ContourKore, Grooved & Perforated (sCK GP)



- CK in one direction, 2" block
 - cross grooved both sides
 - groove width 0.024", depth approx. 1/16"
 - groove distance 3/4" (no offset)
 - perforated hole dia. approx. 1/8"
 - hole distance 2"
- Option: hole distance 1" or CK 1" block, sheets $\leq 2''$
*drilled holes (dia. 1/8") for sheet thickness $>2''$ and all SB.150

Perforated (P)

- punched holes (dia. approx. 1/8"), sheets $\leq 2''$
 - drilled holes (dia. 1/8")*
 - hole distance approx. 2"
- Option: punched holes, distance (1"), sheets $\leq 2''$
*all SB.150

Precision Thickness (PRE)

- $-0.010'' / +0.010''$
(-0.25mm / +0.25mm)

Surface Finish

- LamPrep (LP)
[uncoated]
- AL600 (AL)
[special surface sealer]