OVERVIEW FINISHING OPTIONS

**AIREX** structural foam core material

- 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 (GPS)
- Grooved (G)
- AIREX® SealX surface sealing (SX)
- Precision Thickness (PRE)
- Single Cut (SC)

**BALTEK** structural balsa core material

- ContourKore (CK)
- Grooved (G)
- Grooved & Perforated (GP)
- Semi-ContourKore, Grooved & Perforated (GPS)
- Perforated (P)
- Precision Thickness (PRE)
- Surface Finish (LP and AL)

**Rating of Finishing Options regarding specific requirements**

<table>
<thead>
<tr>
<th>most suitable</th>
<th>suitable</th>
<th>ok</th>
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</table>
ContourKore, knife cut (CK kc)

- 1.18” x 1.18” bloc pattern
- kerf width approx. ¼”
- 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 (1 ½” x 1 ½” 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. ¼”
- 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 approx. ¼”
- 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
- (1 ½” x 1 ½” if sheet is ≥ 1 ¼”)*
- kerf width approx. 0.035”
- (0.055” if sheet is 1 ¼”)*
- groove offset both sides 0.59” (¼”)
- * may be < 1” depending on product type and density

Note: limitations of availability may apply for specific products, densities or thicknesses
Perforated (P)

/ punched holes (dia. approx. 0.079”), if sheets ≤ 2”
/ drilled holes (dia. ¼”)
/ hole distance 2”
* required for certain densities (max. sheet width 24”)

Semi-ContourKore, Grooved & Perforated (GPS)

/ CK in one direction 1.18” block (1 ½”)
/ cross grooved both sides
/ groove width 0.024”, depth approx. ¼”
/ grooving distance ¾” (no offset)
/ perforated hole dia. approx. 0.079”, hole distance 2”
* some products may require drilled holes (dia. ¼”), max. sheet width 24”

Grooved (G)

/ parallel or crosswise grooves
/ one side or both sides
/ groove width 0.024”, depth approx. ¼”
/ grooving distance ¾” (no offset)

AIREF® SealX surface sealing (SX)

/ surface sealing for AIREF® PET foams
/ available for AIREF® T90 and T92 (densities up to 130 kg/m³)
/ designed for resin infusion
/ considerable reduction of resin uptake in infusion processes

Note: limitations of availability may apply for specific products, densities or thicknesses
Precision Thickness (PRE)

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

Single Cut (SC)

/ grooved both sides (opposite direction)
/ groove depth 85% of thickness
/ groove distance 1.18\" (1 ½\" if sheet is ≥ 1")*
/ kerf width 0.035\" (0.055\" if sheet is ≥ 1")*
/ groove offset 0.59\" (¾")
* may be < 1\" depending on product type and density

<table>
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<tr>
<th>Sheet flexibility</th>
<th>Resin uptake</th>
<th>Promotes resin flow in infusion</th>
<th>Laminate surface quality</th>
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Note: limitations of availability may apply for specific products, densities or thicknesses
ContourKore (CK)

- 1” x 2” bloc pattern (2” x 2” if sheet is ≥ 2”)
- kerf width ⅛”
- glass fiber cloth on bottom side of sheet
- blocs are cut almost down to cloth
  * SB.150 ≥ 1”

Grooved (G)

- cross grooved both sides
- groove width 0.024”, depth approx. ⅛”
- groove distance ¾” (no offset)

Grooved & Perforated (GP)

- cross grooved both sides
- groove width 0.024”, depth approx. ⅛”
- groove distance ¾” (no offset)
- perforated hole dia. approx. ⅛”
- hole distance 2”, option: hole distance 1”, sheets ≤ 2”
  * drilled holes (dia. ⅛”) for sheet thickness > 2” and all SB.150

Semi-ContourKore, Grooved & Perforated (GPS)

- CK in one direction, 2” block
- cross grooved both sides
- groove width 0.024”, depth approx. ⅛”
- groove distance ¾” (no offset)
- perforated hole dia. approx. ⅛”
- hole distance 2”, option: hole distance 1” or CK 1” block, sheets 2”
  * drilled holes (dia. ⅛”) for sheet thickness 2” and all SB.150

Note: limitations of availability may apply for specific products, densities or thicknesses
<table>
<thead>
<tr>
<th>Perforated (P)</th>
<th>Precision Thickness (PRE)</th>
<th>Surface Finish</th>
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<tbody>
<tr>
<td>/ punched holes (dia. approx. ½”), / sheets ≤ 2” / drilled holes (dia. approx. ½”) / hole distance approx. 2”, / option: punched holes, distances (1”), sheets ≤ 2” * all SB.150</td>
<td>/ -0.010” / +0.010” (-0.25 mm / +0.25 mm)</td>
<td>/ LamPrep (LP) [uncoated] / AL600 (AL) [special surface sealer]</td>
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*Note: limitations of availability may apply for specific products, densities or thicknesses*