KOENIG & BAUER

aegis Tested Varnishes

These varnish-anilox-material combinations have been successfully tested with the aegis plate.
With your help this list will grow continuously - your feedback is appreciated!

Recommendations for use

We strongly recommend testing each combination before production.
In case of doubt please contact: authentication@koenig-bauer.com

Known restrictions:

- uncoated substrates
- too less varnish coverage (small anilox roller)
- too much varnish coverage (large anilox roller)
- too much pressure
- too less pressure
- additional varnish, print or hot/cold foil on top of varnish protection aegis
- film laminating / acetate laminating

we're on it.

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Technical Disclaimer: The information provided below is based on successful testing at the time of publication. However, Koenig & Bauer strongly advises that no information, recommendation, or combination mentioned hereafter should be taken as a guarantee without first performing careful checks and testing in your specific production environment. We assume no liability for the application of this information without prior testing.

Varnish	Anilox [Raster form, LPI, Volume (cm³/m²)]	Material
1 - Dispersion glossy (Weilburger 60F1200)	[Hexagonal, 200, 14.7]	1-side coated chromosulfate carton
2 - UV glossy (Weilburger 360022)	[Hexagonal, 200, 20]	1-side coated chromosulfate carton
3 - Primer (Weilburger 80F2100) + UV glossy (Weilburger 360022)	[Hexagonal, 200, 14.7] + [Hexagonal, 200, 20]	1-side coated chromosulfate carton
4 - Primer (Weilburger 80F2100) + UV glossy (Weilburger 360022) - Backside	[Hexagonal, 200, 14.7] + [Hexagonal, 200, 20]	1-side coated chromosulfate carton
5 - Primer (Weilburger 80F2100) + UV glossy (Weilburger 360022) - Backside (cleaned varnish plate)	[Hexagonal, 200, 14.7] + [Hexagonal, 200, 20]	1-side coated chromosulfate carton
UV varnish glossy G8/372 (Actega)	[Hexagonal, 250, 11]	Crownboard Prestige GC1 Carton
UV varnish glossy G8/372 (Actega)	[Hexagonal, 250, 11]	Tambrite GC2
UV varnish glossy G8/372 (Actega)	[Hexagonal, 250, 11]	Igepa Spezial GD2
UV varnish glossy G8/372 (Actega)	[Hexagonal, 250, 11]	Tambrite GC2 - Backside
UV varnish matt G8/605 (Actega)	[Hexagonal, 250, 11]	Tambrite GC2
UV varnish matt G8/605 (Actega)	[Hexagonal, 250, 11]	Crownboard Prestige GC1 Carton
UV varnish matt G8/605 (Actega)	[Hexagonal, 250, 11]	Igepa Spezial GD2
Dispersion varnish matt G8/99 (Actega)	[Hexagonal, 250, 11]	Tambrite GC2
Dispersion varnish matt G8/99 (Actega)	[Hexagonal, 250, 11]	Crownboard Prestige GC1 Carton

KOENIG & BAUER

Dispersion varnish matt G8/99 (Actega)	[Hexagonal, 250, 11]	Igepa Spezial GD2
Dispersion varnish glossy G9/230 (Actega)	[Hexagonal, 250, 11]	Tambrite GC2
Dispersion varnish glossy G9/230 (Actega)	[Hexagonal, 250, 11]	Igepa Spezial GD2
Pearlucence Varnish (N/A)	[Hexagonal, 204, 14]	Sappi matt coated 200g/m²
Primer Coating (N/A)	[Hexagonal, 204, 14]	Sappi matt coated 200g/m²
Matte Varnish (N/A)	[Hexagonal, 204, 14]	Sappi matt coated 200g/m²
Pearlucence Varnish (N/A)	[Hexagonal, 305, 9]	Sappi matt coated 200g/m²
Primer Coating (N/A)	[Hexagonal, 305, 9]	Sappi matt coated 200g/m²
Matte Varnish (N/A)	[Hexagonal, 305, 9]	Sappi matt coated 200g/m²
Pearlucence Varnish (N/A)	[Hexagonal, 204, 15]	Invercote 300g/m²
Pearlucence Varnish (N/A)	[Hexagonal, 177, 13]	Invercote 300g/m²
Pearlucence Varnish (N/A)	[Hexagonal, 177, 17]	Invercote 300g/m²
Pearlucence Varnish (N/A)	[Hexagonal, 254, 13]	Invercote 300g/m²
Pearlucence Varnish (N/A)	[Hexagonal, 304, 11]	Invercote 300g/m²