

# GretagMacbeth MeasureTool 5

- FOGRA Media Wedge -

## Quick Report

Proofer: Michael Sartakov at <http://rudtp.pp.ru> - Epson 4000  
Rendering Intent: Absolute  
Paper: EFI 1240  
RIP: EFI Colorproof XF

Process: Offset, SM-102(CD), inks Ankor Natural 8/F M-Real  
Paper: Galerie Art flat  
Grammage: 250 g/m2  
Dot gain CMY 40 %  
16% Screen frequency - 175/inch

Printing condition:  
[http://rudtp.pp.ru/pdf/inks/ankor\\_naturele/](http://rudtp.pp.ru/pdf/inks/ankor_naturele/) commercial printing, paper type 1 or 2, i.e. gl. or matt coated art, 250 g/m2

Measurement conditions:  
ISO 13655: CIELAB, geometry 0/45 or 45/0, 2\_ observer, D50, white backing, SpectroScan

### Summary:

| Category    | Check for | dE   | Result |
|-------------|-----------|------|--------|
| Paper white | <=2.00    | 0.78 | OK     |
| Mean dE     | <=4.00    | 1.32 | OK     |
| Max dE      | <=5.00    | 3.38 | OK     |
| Primary C   | <=4.00    | 2.08 | OK     |
| Primary M   | <=4.00    | 1.84 | OK     |
| Primary Y   | <=4.00    | 3.38 | OK     |
| Primary K   | <=4.00    | 1.96 | OK     |

>> The analysed FOGRA media wedge measurement data IS within standard ! <<  
MeasureTool 5, 29.04.2005

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 Paper: Galerie Art flat  
 Grammage: 250 g/m2  
 Dot gain CMY 40 %: 16% Screen frequency - 175/inch

Printing condition:  
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Measurement conditions:  
 ISO 13655: CIELAB, geometry 0/45 or 45/0, 2\_ observer, D50, white backing, SpectroScan

#### Patch Comparison:

| Patch Name | Ideal Lab L | Idea Lab a | Ideal Lab b | Actual Lab L | Actual Lab a | Actual Lab b | Delta E |
|------------|-------------|------------|-------------|--------------|--------------|--------------|---------|
| A1         | 57.41       | -37.21     | -50.86      | 55.79        | -35.99       | -51.34       | 2.08    |
| A2         | 69.13       | -23.38     | -36.64      | 68.43        | -22.95       | -37.01       | 0.90    |
| A3         | 80.93       | -12.07     | -22.60      | 80.28        | -11.73       | -22.11       | 0.88    |
| A4         | 49.31       | 71.73      | -2.45       | 48.16        | 72.98        | -1.75        | 1.84    |
| A5         | 65.19       | 43.77      | -7.08       | 64.66        | 44.34        | -7.22        | 0.79    |
| A6         | 79.32       | 22.66      | -7.37       | 79.30        | 22.39        | -6.61        | 0.81    |
| A7         | 88.83       | -1.30      | 87.14       | 87.01        | -2.23        | 84.45        | 3.38    |
| A8         | 90.53       | -1.57      | 52.87       | 88.84        | -2.32        | 51.17        | 2.51    |
| A9         | 92.70       | -0.97      | 24.35       | 91.30        | -1.60        | 25.80        | 2.11    |
| A10        | 57.72       | 31.62      | 25.19       | 56.55        | 31.29        | 24.55        | 1.37    |
| A11        | 45.12       | 17.80      | 14.48       | 44.39        | 18.05        | 13.70        | 1.09    |
| A12        | 34.35       | 36.67      | 19.79       | 33.74        | 37.68        | 19.30        | 1.27    |
| A13        | 33.43       | 41.58      | -4.23       | 33.16        | 42.24        | -4.85        | 0.95    |
| A14        | 52.05       | 0.99       | 39.93       | 52.40        | -0.05        | 40.93        | 1.49    |
| A15        | 36.37       | -35.83     | 9.09        | 36.10        | -37.09       | 8.74         | 1.33    |
| A16        | 40.26       | -26.18     | -23.87      | 39.78        | -27.09       | -24.25       | 1.10    |
| A17        | 24.10       | 7.77       | -23.31      | 23.61        | 9.13         | -23.72       | 1.50    |
| K10        | 87.91       | 1.23       | -4.91       | 87.71        | 1.11         | -4.52        | 0.45    |
| K20        | 80.86       | 1.02       | -4.77       | 80.14        | 1.21         | -4.23        | 0.92    |
| K40        | 68.63       | 0.71       | -4.38       | 67.54        | 0.92         | -3.90        | 1.21    |
| K60        | 55.86       | 0.63       | -3.74       | 54.93        | 0.72         | -3.27        | 1.05    |
| K80        | 41.02       | 0.76       | -2.98       | 40.21        | 1.51         | -3.25        | 1.13    |
| K100       | 22.91       | 1.29       | -2.05       | 21.20        | 1.64         | -2.95        | 1.96    |
| B1         | 27.25       | 17.47      | -40.46      | 25.29        | 16.82        | -41.85       | 2.49    |
| B2         | 45.75       | 12.23      | -33.74      | 45.41        | 13.25        | -33.86       | 1.08    |

|      |       |        |        |       |        |        |      |
|------|-------|--------|--------|-------|--------|--------|------|
| B3   | 66.69 | 7.99   | -22.60 | 66.21 | 8.32   | -22.41 | 0.61 |
| B4   | 49.14 | 65.83  | 42.13  | 48.09 | 66.31  | 42.08  | 1.16 |
| B5   | 62.14 | 42.38  | 33.26  | 61.48 | 42.30  | 33.18  | 0.67 |
| B6   | 78.39 | 18.91  | 17.83  | 77.11 | 19.38  | 18.22  | 1.41 |
| B7   | 50.24 | -62.22 | 19.99  | 49.95 | -62.97 | 21.20  | 1.45 |
| B8   | 64.51 | -33.41 | 13.99  | 64.32 | -33.66 | 15.75  | 1.79 |
| B9   | 77.92 | -16.71 | 4.96   | 77.26 | -16.98 | 5.81   | 1.11 |
| B10  | 72.49 | 17.08  | 12.53  | 72.27 | 16.44  | 13.81  | 1.45 |
| B11  | 73.81 | 20.74  | 69.49  | 73.38 | 20.72  | 69.52  | 0.43 |
| B12  | 49.14 | 68.70  | 13.70  | 48.23 | 69.15  | 13.57  | 1.03 |
| B13  | 39.74 | 53.04  | -17.90 | 38.92 | 53.97  | -18.54 | 1.40 |
| B14  | 73.75 | -19.74 | 62.67  | 73.38 | -20.71 | 62.10  | 1.18 |
| B15  | 54.30 | -49.26 | -26.16 | 53.87 | -49.18 | -25.12 | 1.13 |
| B16  | 46.15 | -19.24 | -48.42 | 44.82 | -17.60 | -49.37 | 2.32 |
| B17  | 95.41 | 1.47   | -5.01  | 94.97 | 1.27   | -4.40  | 0.78 |
| G10  | 88.57 | 0.48   | -6.61  | 88.10 | 0.03   | -5.97  | 0.91 |
| G20  | 82.40 | -0.01  | -6.76  | 81.61 | 0.13   | -6.46  | 0.86 |
| G40  | 69.57 | -1.36  | -6.69  | 68.35 | -1.30  | -5.87  | 1.47 |
| G60  | 55.66 | -2.73  | -6.52  | 54.72 | -2.12  | -5.73  | 1.38 |
| G80  | 40.89 | -4.79  | -4.18  | 40.41 | -3.33  | -3.69  | 1.62 |
| G100 | 29.86 | -9.17  | -6.60  | 29.47 | -9.92  | -7.02  | 0.95 |

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