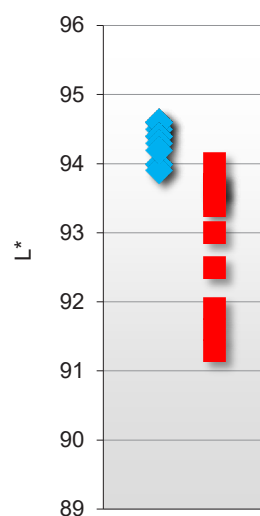
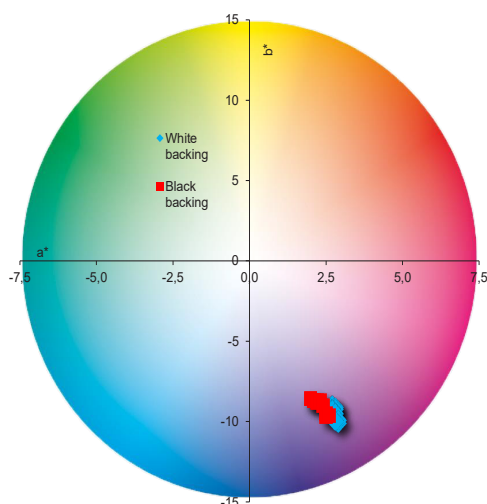




## Prepress datasheet

| Paper         | Basis weight<br>g/m <sup>2</sup> | CIE<br>Whiteness D65<br>ISO11475 | Fluorescence<br>( $\Delta$ Brightness) <sup>2</sup><br>ISO2470-2 | Roughness<br>Bendtsen,<br>ISO 8791-2,<br>ml/min | Colour coordinates white backing<br>ISO 13655<br>M1 <sup>3</sup> (D50/2°) |     |       | Colour coordinates black<br>backing ISO 13655<br>M1 <sup>3</sup> (D50/2°) |     |      |
|---------------|----------------------------------|----------------------------------|------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------|-----|-------|---------------------------------------------------------------------------|-----|------|
|               |                                  |                                  |                                                                  |                                                 | L*                                                                        | a*  | b*    | L*                                                                        | a*  | b*   |
| Magno Natural | 80                               | 144                              | 16                                                               | <400                                            | 94,6                                                                      | 2,7 | -9,0  | 91,3                                                                      | 2,0 | -8,6 |
| Magno Natural | 90                               | 144                              | 16                                                               | <400                                            | 94,5                                                                      | 2,7 | -9,0  | 91,6                                                                      | 2,0 | -8,6 |
| Magno Natural | 100                              | 144                              | 16                                                               | <400                                            | 94,6                                                                      | 2,8 | -9,1  | 91,9                                                                      | 2,1 | -8,7 |
| Magno Natural | 110                              | 144                              | 16                                                               | <400                                            | 94,6                                                                      | 2,6 | -9,1  | 92,5                                                                      | 2,1 | -8,7 |
| Magno Natural | 120                              | 144                              | 16                                                               | <400                                            | 94,4                                                                      | 2,8 | -9,2  | 93,0                                                                      | 2,2 | -8,8 |
| Magno Natural | 140                              | 144                              | 16                                                               | <450                                            | 94,4                                                                      | 2,7 | -9,2  | 93,4                                                                      | 2,2 | -8,7 |
| Magno Natural | 150                              | 144                              | 16                                                               | <450                                            | 94,3                                                                      | 2,7 | -9,3  | 93,5                                                                      | 2,3 | -8,7 |
| Magno Natural | 170                              | 144                              | 16                                                               | <450                                            | 94,0                                                                      | 2,8 | -9,5  | 93,7                                                                      | 2,4 | -9,0 |
| Magno Natural | 190                              | 144                              | 16                                                               | <500                                            | 94,0                                                                      | 2,9 | -10,5 | 93,7                                                                      | 2,5 | -9,7 |
| Magno Natural | 250                              | 144                              | 16                                                               | <600                                            | 93,9                                                                      | 2,9 | -9,9  | 93,7                                                                      | 2,5 | -9,5 |
| Magno Natural | 300                              | 144                              | 16                                                               | <700                                            | 94,2                                                                      | 2,8 | -10,0 | 94,0                                                                      | 2,6 | -9,6 |



## Recommendations:

|                                             |                                                                                                            |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Print substrate / ISO 12647-2:2013:         | PS 5 (Wood-free uncoated)                                                                                  |
| Printing condition / ISO12647-2:2013:       | PC 5                                                                                                       |
| Screening and dot gain (TVI) <sup>4</sup> : | Conventional: Curve C in ISO 12647-2 (52–70 l/cm),<br>Stochastic: Curve E in ISO 12647-2 (Spot size 35 µm) |
| Characterisation data <sup>5</sup> :        | Fogra 52                                                                                                   |
| ICC-profile <sup>5</sup> :                  | All ICC-profiles based on above char data such as PSUncoated_V3_Fogra52.icc                                |
| Max TAC% (Total Area Coverage):             | 260% (300% can be used with specific ICC profiles)                                                         |
| Special remarks:                            |                                                                                                            |

## Notes:

- 1) The values in the table are intended to help the printer to choose correct printing conditions for the paper in question. These values are not paper specifications and thus have no tolerances. For official paper specification please refer to technical specification datasheets for each individual paper grade
- 2)  $\Delta$ Brightness is difference of Brightness (D65) and Brightness (UV cut). It is an estimate for OBA amount in paper. Levels: 0-4 faint, 4-8 low, 8-12 moderate, 12-> high
- 3) Equipment used: X-rite i1 Pro2. Older M0 values available on request
- 4) Dot gain level is influenced by paper roughness and rougher papers may need more compensation in platemaking to reach correct dot gain level
- 5) As an alternative char data / ICC -profile older Fogra 47 / PSO\_Uncoated\_ISO12647\_ei.icc can also be used