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| **Annex 1 to the contract**  **in accordance with DE-UZ 14b** | **Please only use**  **this form!** |

**Environmental label for “finished products made from recycled paper and carton”**

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| **Applicant:**  (full address) |  | |
|  |  | **Function** |
| **Production site:**  (full address) |  |  |
| **Production site:**  (full address) |  |  |
| **Production site:**  (full address) |  |  |
| **Production site:**  (full address) |  |  |
| **Production site:**  (full address) |  |  |
| **Production site:**  (full address) |  |  |
| **Production site:**  (full address) |  |  |
| **Production site:**  (full address) |  |  |
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| **Trade name of the product named in the application:** |  | |

**The above named product is a:**

(Please enter the precise function of the product in the form fields, e.g. for pads: writing pad, notepad, or similar; for calendars: desk calendar, wall calendar or similar; and so on)

Included in the scope are[[1]](#footnote-1):

a) Finished products mainly made of recycled paper

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| Exercise book |  | Memo cubes |  |
| Book covers1 |  | Unprinted postcard[[2]](#footnote-2) |  |
| Writing pads |  | Unprinted envelope1 |  |
| Flip-chart pads |  | Padded envelopes |  |
| Painting and drawing pad |  | Invoice sheet |  |
| Ring binder divider |  | Form book (Function:      ) |  |
| Label (Function:      ) |  | Paper dividers |  |
| Stick note/sticky memo note |  | Tokens |  |
| Tinted drawing paper |  | Desk pads |  |
| tinted drawing card |  | Colouring book |  |
| handicraft paper |  | Text book |  |
| Presentation card |  | Puzzle book |  |
| Index card |  | Office calendars[[3]](#footnote-3) (Function:      ) |  |
| Notebooks |  | Gift paper |  |

b) Finished products mainly from recycled cardboard

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| Folder (Function:       ) |  | Desk organisers |  |
| Ring binders |  | Signature folders |  |
| Binders (Function:       ) |  | Application folders |  |
| Organiser files |  | File indexing systems (Function:       ) |  |
| Magazine file |  | Cardboard index dividers |  |
| Dividers and dividing strips |  | Clipboards |  |
| Circulation folders |  | Collection boxes |  |
| Document folders (Function:      ) |  | Presentation cards |  |
| File folders |  | File covers |  |
| Conference folders |  |  |  |
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Finished products for packaging purposes (packaging/shipping materials) are excluded. Similarly, single-colour packaging and kraft papers are excluded.

***If the above named product is printed:***

**The following printing processes were used to print the above named product:**

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|  | Sheet-fed offset printing |  | Heatset web offset printing |  | Rotogravure printing |
|  | Coldset web offset printing |  | Digital Printing: |  | Flexographic printing |
| Other: | | | | | |

**Declaration by the applicant**

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| Paragraph | Declaration/Compliance Verification | | | Please complete the appropriate sections! | |
| **3.1** | **Use of fibrous raw materials** | | |  | |
|  | It is hereby declared that the above product is made of 100% recovered paper. | | |  | |
|  | For finished products according to 2b) a tolerance of 5 % of other papers is permissible. This is       %. | | |  | |
|  | The paper or cardboard used must be certified according to DE-UZ 14a. | | |  | |
| *Part of the product**[[4]](#footnote-4)* | | *Trade name of the paper or board* | *Manufacturer/distributor* | | *Contract no.* |
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|  | For the production of printed wrapping paper, papers according to DE-UZ 217a are permissible in deviation from this. | | |  | |
| *Part of the product*4 | | *Trade name of the paper or board* | *Manufacturer/distributor* | | *Contract no.* |
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|  | The cardboard boxes used must be certified according to DE-UZ 56[[5]](#footnote-5). | | |  | |
| *Part of the product*4 | | *Trade name of the paper or board* | *Manufacturer/distributor* | | *Contract no.* |
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| Section | Declaration / Evidence | | | Please mark as appropriate! |
| **3.2** | **Non-paper materials** | | |  |
|  | For finished products according to 2a), a tolerance of 5 % of non-paper materials (e.g. metal, plastics) is permissible, based on the total mass of the product. | | |  |
|  | For finished products according to 2b), non-paper materials are permissible (including closing mechanisms, eyelets, rivets and suspension file rails made of metal, etc.), which are required for functional reasons. | | |  |
|  | Plastics made of PVC must not be used. | | |  |
|  | In the above-mentioned product, the following other materials are used for functional reasons (e.g. PE film, metal spirals or staples, textile fibres): | | |  |
| *Part of the product4* | | *Trade name of the other materials* | *Manufacturer/distributor* | |
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|  | ***If the fields in the table are not sufficient:***  A corresponding list of the papers and cardboards and other materials used in the product is enclosed with the application as Appendix A to Annex 1. | | | **Appendix A to Annex 1** |
|  | A sample of the product is enclosed with the application. | | | **Annex 2** |

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| Section | Declaration / Evidence | | | Please mark as appropriate! |
| **3.3** | **Requirements for dyes, toners, printing inks, surface finishing agents, coating materials and adhesives** | | |  |
|  | Only the following dyes, toners, printing inks, surface finishing agents, coating materials and adhesives are used for the above-named product: | | |  |
| *Trade name of the chemical*  *(See safety data sheet)* | | *Manufacturer/supplier* | *Function* | |
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|  | ***If the fields in the table are not sufficient:***  A list of the dyes, toners, printing inks, surface finishing agents, coating materials and adhesives used is enclosed with the application as Appendix B to Annex 1. | | | **Appendix B to Annex 1** |
|  | The minimisation principle from the first section of Paragraph 3.3 is observed. | | |  |
|  | Varnishes are only used for protection on covers, the covers of exercise books or calendars and colouring or notebooks[[6]](#footnote-6). | | |  |
|  | The safety data sheets for the dyes, toners, printing inks, surface finishing agents, coating materials and adhesives used in the above named product are enclosed with the application. | | | **Annex 3** |
|  | Declarations from the chemical manufacturers/suppliers for the dyes, toners, printing inks, surface finishing agents, coating materials and adhesives used in the above named product are enclosed with the application or have been sent directly to RAL gGmbH. | | | **Annex 4** |
| **3.8** | **Products for children** | | |  |
|  | The above-mentioned product is primarily manufactured for the target group of children and complies with the requirements of DIN EN 71 3 "Safety of toys". | | |  |
| **3.9** | **Recyclability** | | |  |
| **3.9.1** | **Deinkability** | | |  |
|  | **Finished product according to 2a)** | | |  |
|  | The finished product produced according to 2a) is deinkable [[7]](#footnote-7). | | |  |
|  | The printing inks, inks and toners used for the above-mentioned product, including their combinations with any varnishes used, are deinkable according to INGEDE Method 11[[8]](#footnote-8).  A test report on the deinkability of the above-mentioned product according to INGEDE Method 11 is enclosed with the application or has been sent directly to RAL gGmbH. | | | **Annex 5** |
|  | The above mentioned product complies with the recyclability requirements of the European Recovered Paper Council (EPRC). | | |  |
|  | The recyclability assessments are carried out according to the specifications of the EPRC with the scorecards for deinkability[[9]](#footnote-9). | | |  |

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|  | **Anti-adhesive paper for labels**  Information is provided on the back of the anti-adhesive paper for labels or on its packaging to indicate that this paper should be disposed of as residual waste.  A sample of the anti-adhesive paper for labels is enclosed with the application. | **Annex 2** |
| **3.9.2** | **Removability of adhesive applications** |  |
|  | **Finished product according to 2a)** |  |
|  | The adhesives used for the above-mentioned product, including their combinations, are removable according to INGEDE Method 12: Testing of Adhesive Applications (as of January 2013).  A test report on the removability of the adhesive applications of the above-mentioned product according to INGEDE Method 12 is enclosed with the application or was sent directly to RAL gGmbH. | **Annex 6** |
|  | The assessment of recyclability is carried out in accordance with the EPRC specifications using the scorecards for the removability of adhesive applications[[10]](#footnote-10). |  |
|  | Declarations of the adhesive manufacturers/suppliers of the adhesives used for the above-mentioned product are enclosed with the application or have been sent directly to RAL gGmbH. | **Annex 4** |
|  | Exception applies:  Redispersible and water-soluble adhesive applications are excluded from the test according to INGEDE method 12.  Hot melt adhesives based on ethyl vinyl acetate (EVA) or polyolefin (PO) shall fulfil the following application conditions:   * Softening temperature of the adhesive (according to R&B): ≥ 68 °C * Adhesive application layer thickness (non-reactive adhesive): ≥ 120 µm * Layer thickness of adhesive application (reactive adhesive): ≥ 60 µm * Horizontal expansion of the adhesive application (each direction): 1.6 mm. |  |
|  | **Finished product according to 2b)** |  |
|  | The underlying test method for assessing the separability of adhesive applications is:   * PTS method RH 021/97 (edition of October 2021) for category II (packaging papers or packaging materials).   The evaluation is carried out via the sheet adhesion test.  The finished products must pass the sheet adhesion test. | **Annex 6** |
|  | The finished products must meet the recyclability requirements according to PTS method RH 021/97 with regard to defibriability and easy removability of non-paper components. |  |
| **3.9.3** | **Defiberability** |  |
|  | **Finished product according to 2b)** |  |
|  | The finished products must meet the recyclability requirements according to:  PTS method RH 021/97 (edition of October 2021) for category II (packaging papers or packaging materials). | **Annex 7** |
|  | The total dry residue (non-paper components plus sorting residue including non-fibrous paper components on 0.7 mm perforated plate) shall not exceed 15 % by weight. |  |

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| **3.10** | **Usability** |  |
|  | The finished products must be fit for use. If technical requirements for individual products are regulated in DIN standards, these must be complied with in accordance with the version valid at the time of conclusion of the contract. |  |
|  | The following national or industry standard was used to demonstrate fitness for purpose: |  |

Notes:

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**Annexes to the contract pursuant to DE-UZ 14b**

Please use this printed form of Annex 1 to the contract pursuant to DE-UZ 14b.

Please **only** submit the application documents via the web portal ([https://portal.ral-umwelt.de/](about:blank)).

Please attach Annexes 2 to 6 to the application documentation:

|  |  |
| --- | --- |
| Annex 2 | Product sample |
| Annex 3 | Current safety data sheets |
| Annex 4 | Declaration from the chemical manufacturers/suppliers for all of the dyes, toners, printing inks, surface finishing agents, coating materials and adhesives used (printed form). |
| Annex 5 | Test report on deinkability according to INGEDE Method 11. |
| Annex 6 | Test report on the removability of adhesive applications according to INGEDE Method 12. |
| Annex 7 | Test report on defiberability according to PTS method RH 021/97. |

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| **Location:** |  |  |  |
|  |  |  |  |
| **Date:** |  |  |  |

**Legally binding signature / company stamp**

1. The approval of further products is possible upon application in consultation between RAL

   gGmbH and UBA. [↑](#footnote-ref-1)
2. With the exception of the Blue Angel logo and trading information: Order number, guide lines

   for e.g. address, small company logo. [↑](#footnote-ref-2)
3. Decorative calendars, such as picture calendars, art calendars and photo calendars, fall under the

   scope of DE UZ 195 for printed products. [↑](#footnote-ref-3)
4. e.g. inner section, back, cover sheet, jacket, blotting paper, etc. [↑](#footnote-ref-4)
5. Valid until the end of 31.12.2022 [↑](#footnote-ref-5)
6. Foilings of any kind are excluded. [↑](#footnote-ref-6)
7. Does not apply to finished products made of through-dyed paper and cardboard. [↑](#footnote-ref-7)
8. The criterion does not apply to wrapping paper, label separating paper and Sticky notes/note stickers. [↑](#footnote-ref-8)
9. <http://www.paperforrecycling.eu/download/178/> [↑](#footnote-ref-9)
10. http://www.paperforrecycling.eu/download/633/ [↑](#footnote-ref-10)