# **Media Certification for HP Latex R Series**

## **Evaluation report**





#### **Supplier information**

Supplier Name (\*)

3A Composites GmbH

Supplier Address

Kiefernweg 10, 49090 Osnabrück | Germany

Contact , Person

Issue Date

November 10, 2020

## **Product information**

Substrate Name

DISPA®outdoor Substrate Type

**Cardstock and Corrugated Carton** 

Substrate Sub Type

Cardstock and Corrugated Carton

Finish. White/Transparent/ other, please specify

White

Certification Center

HP BCN

Certification (Passed or Failed)

Passed

## **Profiling Process**

| Printer           | Ink | RIP     | Print<br>Mode | Ink density | Optimizer | Overcoat | Input tension | Input vacuum | Print zone vacuum | Curing vacuum | Drying temperature | Printing Airflow | Curing Temperature | Curing Airflow | Curing height | Interpass delay | Substrate advance | Heat sensitive drying | Heat sensitive curing | OMAS | Carriage Height offset | QUALIFICATION |
|-------------------|-----|---------|---------------|-------------|-----------|----------|---------------|--------------|-------------------|---------------|--------------------|------------------|--------------------|----------------|---------------|-----------------|-------------------|-----------------------|-----------------------|------|------------------------|---------------|
| HP Latex R Series | 872 | Onyx 19 | 4P bidi       | 80          | 30        | 0,5      | 25            | 1000         | 1000              | 1300          | 65                 | 40               | 65                 | 430            | 30            | 0               | 0                 | 0                     | 0                     | ON   | 0                      | Profiled      |
| HP Latex R Series | 872 | Onyx 19 | 6P bidi       | 100         | 32        | 0,5      | 25            | 1000         | 1000              | 1300          | 65                 | 40               | 65                 | 430            | 30            | 0               | 0                 | 0                     | 0                     | ON   | 0                      | Certified     |
|                   |     |         |               |             |           |          |               |              |                   |               |                    |                  |                    |                |               |                 |                   |                       |                       |      |                        |               |
|                   |     |         |               |             |           |          |               |              |                   |               |                    |                  |                    |                |               |                 |                   |                       |                       |      |                        |               |
|                   |     |         |               |             |           |          |               |              |                   |               |                    |                  |                    |                |               |                 |                   |                       |                       |      | ·                      | ·             |
|                   |     |         |               |             |           |          |               |              |                   |               |                    |                  |                    |                |               |                 |                   |                       |                       |      |                        | ·             |
|                   |     |         |               |             |           |          |               |              |                   |               |                    |                  |                    |                |               |                 |                   |                       |                       |      |                        |               |

#### **Certification Test Result**

|                                  | on rest kesult                             |                       |   |   |   |   |   |  |  |  |
|----------------------------------|--|-----------------------|---|---|---|---|---|--|--|--|
|                                  |  |                       | RESULTS   |   |   |   |   |  |  |  |
|                                  |  |                       | 1   | 2   | 3 | 4 | 5 |  |  |  |
|                                  | Printers and Inks                          |                       | HP Latex R Series 872 inks  | HP Latex R Series 872 inks  |   |   |   |  |  |  |
|                                  | Lot Number                                 |                       | NA  | NA  |   |   |   |  |  |  |
|                                  | Print Modes                                |                       | 4P bidi   | 6P bidi   |   |   |   |  |  |  |
|                                  | Certified By                               |                       | Raúl Vílchez  | Raúl Vílchez  |   |   |   |  |  |  |
| Test type                        | Measurement                                | Rating                |   |   |   |   |   |  |  |  |
|                                  | Color Gamut                                | KCLab unit.           | 378293  | 441526  |   |   |   |  |  |  |
| lmage<br>Quality                 | L*min                                      | L* Units              | NA  | NA  |   |   |   |  |  |  |
|                                  | Area Fill<br>Uniformity                    | GOOD / AVERAGE / FAIL | GOOD  | GOOD  |   |   |   |  |  |  |
|                                  | Deformation                                | PASS /AVERAGE/ FAIL   | Average   | Average   |   |   |   |  |  |  |
| Media-<br>Printer<br>interaction | Marks                                      | GOOD / AVERAGE / FAIL | GOOD  | GOOD  |   |   |   |  |  |  |
|                                  | Wrinkles                                   | GOOD / AVERAGE / FAIL | GOOD  | GOOD  |   |   |   |  |  |  |
|                                  | Dimensional Stability:<br>Shrinking factor | PASS / FAIL           | PASS  | PASS  |   |   |   |  |  |  |
|                                  | Rewetting/Stackability                     | Yes/No                | NO  | NO  |   |   |   |  |  |  |
| lmage<br>Handle<br>Ability       | Grain                                      | GOOD / AVERAGE / FAIL | GOOD  | GOOD  |   |   |   |  |  |  |
|                                  | Scratchability                             | GOOD / AVERAGE / FAIL | NA  | NA  |   |   |   |  |  |  |
|                                  | Dry Rub                                    | GOOD / AVERAGE / FAIL | NA  | NA  |   |   |   |  |  |  |
|                                  | Wet Rub                                    | GOOD / AVERAGE / FAIL | NA  | NA  |   |   |   |  |  |  |
|                                  | Bleed                                      | PASS/FAIL             | PASS  | PASS  |   |   |   |  |  |  |
|                                  | Ink adhesion                               | GOOD / AVERAGE / FAIL | NA  | NA  |   |   |   |  |  |  |
|                                  | Coalescence                                | PASS/FAIL             | PASS  | PASS  |   |   |   |  |  |  |
|                                  | Impinging Marks                            | GOOD / AVERAGE / FAIL | GOOD  | GOOD  |   |   |   |  |  |  |
|                                  | Waterfastness                              | PASS/FAIL             | Pass  | Pass  |   |   |   |  |  |  |
| OVERALL Q                        | UALIFICATION                               | PASS / FAIL           | PASS  | PASS  |   |   |   |  |  |  |
|                                  | Certification Commer                       | nts                   | Mandatory output roller. Put edge holders when print in both sides. | Mandatory output roller.<br>Put edge holders when<br>print in both sides. |   |   |   |  |  |  |

HP's 'Meda Certification Program' '('Program') supplies information to meda manufacturers, suppliers, and customers to assist in evaluating meda compatibility with printers and inks from HP's Graphics Solutions Business. Meda is supplied by independent thir d-party manufacturers. Inclusion in the Program manufacturers and inks from HP's Graphics Solutions Business. Meda is supplied by independent thir d-party manufacturers in the program manufacturers and inks from HP's Graphics Solutions Business. Meda is supplied by independent thir d-party manufacturers in the program manufacturers and inks from HP's Graphics Solutions Business. Meda is supplied by independent thir d-party manufacturers in the program manufacturers and inks from HP's Graphics Solutions Business. Meda is supplied by independent thir d-party manufacturers in the program manufac