

# Technical Data Sheet

**Product:** Dimense Media

**Product identifier:** DS-HR-PEA (DS MEDIA HIGH RESIST PEARLE 1.6x50 m)

Dimense Media is a PVC and phthalate free foamable substrate with additional surface effects for digital printing. Dimense Media is polyolefin-based consisting mineral fillers with cellulose-based backing. This media has an additional protective layer that provides increased scratch resistance.

**Producer:** DG Dimense UAB, Lithuania

## Properties:

|                               |                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------|
| Appearance:                   | Solid                                                                               |
| Surface color:                | Pearl                                                                               |
| Surface effect:               | Pearlescent                                                                         |
| Roll width:                   | 1.60 m                                                                              |
| Media length in roll:         | 50 m                                                                                |
| Roll weight (with core):      | 24,3 kg/roll ( $\pm 120$ g)                                                         |
| Core diameter (inside):       | 76 mm                                                                               |
| Winding direction:            | Print side out                                                                      |
| Foaming layer:                | Polyolefin with natural mineral filler                                              |
| Base layer (non woven):       | Cellulose with polyester fibers                                                     |
| Media grammage:               | $\sim 315$ g/m <sup>2</sup>                                                         |
| Thickness before foaming:     | $\sim 0.35$ mm                                                                      |
| Thickness after foaming*:     | $\sim 0.8$ mm                                                                       |
| Light fastness:               | Good light fastness (conformity to ISO 105B02)                                      |
| Washability**:                | Washable (conformity to DIN EN 12956)                                               |
| Fire resistance**:            | B-s1, d0 (ISO 13501-1)<br>Class A or 1 (ASTM E84)<br>B-s1, d0, t0 (GB 8624-2012)    |
| Indoor suitability ranking**: | Evaluation according to AgBB-scheme 2024, France VOC and CMR regulation (Class A+). |

\*- Foaming height depends on the printing parameters.

\*\* - Certification carried out after printing with Dimense Technology inkjet printer, using appropriately prepared printing settings.

## Product usage:

|                                                       |                                                                                            |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Digital printing:                                     | only for Dimense Technology inkjet printer and inks                                        |
| Wallpapering on the wall (after printing):            | Yes                                                                                        |
| Wallpapering on the acoustic panels (after printing): | No                                                                                         |
| Painting after printing:                              | No                                                                                         |
| Template for gypsum and concrete molding:             | No                                                                                         |
| SEG-silicone edge graphics (after printing):          | No                                                                                         |
| Surface lamination (after printing):                  | Available (requires compatibility of laminating film with media and specialized equipment) |

## Additional recommendations:

Recommended storage temperature: between +5°C and +35°C.

Shelf life in unopened container: 24 months.

For good processability use at room temperature: between +19°C and +25°C, moisture <80%.