

# Technical Data Sheet

**Product:** Dimense Media

**Product identifier:** DS-MAT-EX (DS MEDIA MATT EXTRA 1.6x40m)

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.

**Producer:** DG Dimense UAB, Lithuania

## Properties:

Appearance:	Solid
Surface color:	White
Surface effect:	Matt
Roll width:	1.60 m
Media length in roll:	40 m
Roll weight (with core):	23.8 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:	$\sim 380$ g/m <sup>2</sup>
Thickness before foaming:	$\sim 0.4$ mm
Thickness after foaming*:	$\sim 1.8$ 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) Class A or 1 (ASTM E84)
Indoor suitability ranking**:	Evaluation according to AgBB-scheme 2024, France VOC and CMR regulation (Class A+).
Sound absorption properties:	NRC=0.13, $\alpha_w=0.15$ , class E (non-woven backed material glued to plasterboard as wallpaper).

\*- 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 (CMYK and Structural)
Wallpapering on the wall (after printing):	Yes
Wallpapering on the acoustic panels (after printing):	Yes
Painting after printing:	Yes (water-based paint)
Template for gypsum and concrete molding:	Yes
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%.

Media handling on the printer: Only use "Print Side Out" mode.

After removing the media from the take-up system, do **NOT** roll the prints with the print side facing inward.