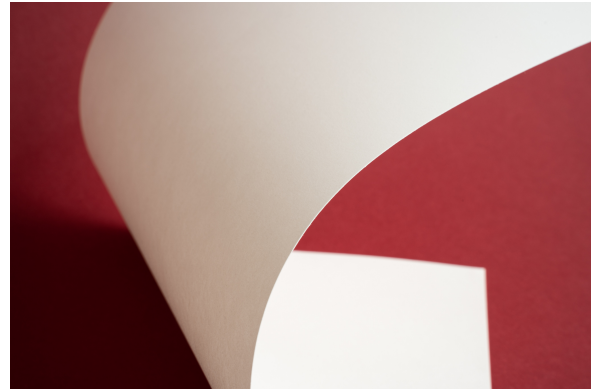# Wallpaper 1300 - 180

Made of 100% non-woven, 180g/m2 thickness, wallpaper is very strong, tear resistant and durable material due to wet-laid non-woven production design.

End-use: Wall covering and decoration. Wallpaper application.

Furnish: 2 layer wet-laid non-woven.

Finish: Matt.

Ink compatibility: eco-solvent, solvent, UV, latex.

Technical Target Values

Property	Units	Values	Test method
Grammage	g/m2	180	ISO 536
Caliper	μm	235	ISO 534
Brightness D65	%	87	ISO 2470
Opacity	%	94	ISO 2471
Wet stability CD (Max)	%	0.25	EN 12956:2001
Tensile strength MD/CD	N/m	9250/5550	ISO 535
Elongation MD/CD	%	5.5 / 11.5	ISO 1924-2

Certifications	
	FSC Mix, C-s1-d0 (fire retardancy).

Ink compatibility

Printing side	Compatible inks
Outside	eco-solvent, solvent, UV, latex.
Inside	Not printable.

Available sizes

Roll widths (mm)	Roll length (m)	Core (in)
1370, 1600, up to 2800	50 / 100 / 200 / 400	3" / 3" / 3" / 6"

Pallet packaging information

Packaging type	Roll length (m)	Number of rolls per pallet
Box	50	24
Pyramid	100 / 200	15 / 10
TIDY	100 / 200 / 400	20 / 16 / 6

Finishing and application

Before proceeding to finishing, please plan enough drying time of the print (24 hours is recommended) especially when printing with eco-solvent or solvent inks.
Either cutting by hand or using cutting equipment, it is crucial to ensure that the proper cutting tools are used and that the blades are sharp enough. Please note, that non-woven wallpaper is usually thicker than regular wallpaper, so it is crucial to use sharp blade to avoid tearing or shredding the paper.
For gluing Wallpaper 1300 - 180 onto the wall, the "paste the wall" method is recommended. Refer to Tips&Tricks section below for more information.

Tips & Tricks

Wallpaper 1300 - 180 is non-woven material. Therefore, it is recommended that the glue paste is applied onto the wall (not the wallpaper). Secondly, hang the wallpaper edge to edge immediately. For best results, it is important to use a nonwoven wallpaper glue, which are specifically designed for nonwovens. In our experience non-woven wallpaper paste of methyl-cellulose provide very good results.

General storage information

Storage of the media is recommended in original packaging. In cool (10°C-25°C) and dry environment (30%-60% of relative humidity). Avoid storing media in areas that are subject to extreme temperature fluctuations, such as near windows or doors. High humidity (more than 60% of relative humidity) can cause the media to absorb moisture, which can affect its print quality.

If you plan to not print on the media for an extended period of time, it is always recommended to unload it from the printer. Storing unused media in the printer can cause it to absorb moisture, which can affect its print quality. By unloading the media and storing it in a proper environment, you can help to ensure that it maintains its quality and is ready for use when needed.

Printing information

It is important to maintain appropriate temperatures and humidity levels in your printing environment to ensure optimal print quality. Temperature range of 18-24°C and a humidity range of 40-60% are considered ideal for large format printing. Temperature range of 15-30°C and a humidity range of 30-70% are considered critical and may possibly impact the printing quality.

Always use the right settings for the media. The best printing results are achieved when a special profile is created for the specific media being used. If you require assistance or have any questions, please do not hesitate to contact us.

Verify that the media is compatible with the printer and ink type intended to be used. Select the appropriate media profile. Using the correct media profile is essential for achieving optimal print quality. Please contact GM Media representative to help you out if needed.

General handling information

Unpacking
Carefully remove the media from its original packaging, taking care not to damage the edges or corners. Hold the media by the edges or wear gloves to prevent skin oils from transferring to the surface.

Inspection
Inspect the media for any signs of damage or defects. This includes checking the edges, corners, and surface of the media for any cracks, tears, or scratches. If any damage or defects are found, do not load the media into the printer. Instead, set it aside and notify the appropriate personnel.

Transporting/carrying
When transporting the media to the printer, handle it with care to prevent any damage or deformations. This includes avoiding dropping or bumping the media against any surfaces.
Hold the media by the edges or corners to prevent any smudging or scratching of the surface.
If the media is too large to be carried by hand, use a trolley or other appropriate equipment to transport it safely. Keep the media in a protective sleeve or packaging during transportation to prevent any dust or dirt from settling on the surface.