

Non-Woven Base: Product Information

Manufacturer

Architects Paper,
a brand of A.S. Création Tapeten AG
Südstr. 47
51645 Gummersbach

www.architects-paper.com

Product Name

Architects Paper - Digital

Product Specifications

- A selection of premium quality non-woven bases from the AP product range is available for digital prints sold under the brand name Architects Paper - Digital
- The non-woven material contains pulp, pigments, polyester fibres and binding agents.
- This material is easy to apply. Non-allergenic and odourless HP latex ink (Nordic Swan) is used for the prints.
- Architects Paper - Digital does not require soaking and should be hung using paste-the-wall technique.
- Can be completely stripped off dry with appropriate pre-treatment of the wall surface and use of appropriate adhesive/paste.
- Architects Paper - Digital wallpaper is:
 - Skin-friendly, as products in this range do not contain any glass fibre
 - Mostly dimensionally stable – therefore, no soaking time is required
 - Hairline crack bridging
 - Permeable to water vapour
 - Flame resistant according to SBI: B-s1, d0; i.e. suitable for commercial objects
- REACH certified supply chain
- VOC certified – Low emissions; no effect on indoor air quality
- Further quality ratings are available in the download area of our homepage.

Technical Data

- *Architects Paper - Digital* is custom-made. Certain dimensions have been specified as standard for the relevant collection. We are happy to consider other format sizes as specified.

**- The base consists of a special non-woven product:
(e.g. separate product information is available for self-adhesive versions)**

- Optimum environmental conditions for hanging: 18°C and a relative humidity of 65%
- Drying time: 1 - 2 days, depending on temperature, relative humidity and the wall surface.
- Hairline crack bridging and for the most part dimensionally stable non-woven wallpaper
- Permeable to water vapour
- Flame retardant in combination with mineral-based surfaces and non-flammable structural panels.
- *Architects Paper - Digital* with a special non-woven base is completely dry strippable if the wall surfaces have been pre-treated appropriately and the correct adhesive/paste has been used.

- In order to maintain the properties of the non-woven base on surfaces suitable for wallpapers, we recommend using special non-woven or new plaster paste.

- Follow the manufacturer's instructions.
- Certain surface or room conditions may necessitate using paste with different properties.
- Please also refer to the specifications on the package insert of the product.

- We recommend the following pastes for surfaces suitable for wallpapers:

“METYLAN DIRECT CONTROL” or “METYLAN NP NEW PLASTER PASTE”

Usage & Application

Pre-Treatment of Wall Surfaces

Test the wall surface for a smooth set, firmness, stability, dampness and alkalinity. Refer also to the relevant VOB instructions.

Architects Paper – Digital can be applied to all interior surfaces suitable for wallpapering. However, the surface must be clean, firm and smooth with a uniform low absorbency, and must be carefully prepared. For instance, old wallpaper and non-adherent paint must be removed. Rough wall surfaces must be smoothed with a suitable filler. Sandy or heavily absorbent surfaces must also be pre-treated with a coloured wallpaper primer.

Also pay attention to the relevant BFS leaflets for pre-treating the wall surface.

Pay special attention to smoothness when pre-treating the wall surface, as well as purity of the paste and cleanliness of the materials, because even the slightest imperfection will show up clearly.

Aim for the highest smoothness quality level “Q4”.

This can be achieved by full surface filling and smoothing.

In most cases you may be able to achieve comparable results with Q3 filling followed by papering with non-woven lining, e.g. “AP Power Vlies 150g”.

Technical Data Sheet

Information for specifiers and installers / Version: December 2016

Application

During papering and drying time the ambient temperature should be constant at approx. 18°C. It is essential to avoid direct sunlight and any draughts as well as heating of the room during drying.

Use only paste-the-wall technique for products of the *Architects Paper - Digital* collection. A non-woven roll-on paste (e.g., Metylan Direct) or a new plaster paste is recommended for bonding. In any case, only suitable solvent-free and plasticiser-free adhesives should be used.

Use a paint roller to apply the paste thinly and evenly to a paper-width wide section of wall surface. Dose the amount carefully so that no excess paste seeps out at the seams. Make sure to read the manufacturer's instructions.

Mount the *Architects Paper - Digital* motifs from left to right. Before applying paste to the wall, you need to plumb the motif and align it on the wall. Apply the first strip of the *Architects Paper - Digital* vertically to the pasted wall, taking care that no blisters form. Ensure exact end-to-end seams when hanging subsequent strips and smooth with a foam roller or wallpaper brush. Pay attention to the strip numbers.

Avoid paste stains at all cost. In some cases you can try to remove them immediately by gentle dabbing with a clean, damp natural sponge. Do not rub, as this may leave stains or streaks.

Use a plastic spatula to stick the paper firmly to the wall into the edge at the ceiling, skirting board, window, etc. Then cut off the excess carefully with a sharp cutter, including the 1 cm trim edge at both ends. Do not overlap *Architects Paper - Digital*, work with end-to-end seams instead.

Additional Pasting Instructions for Special Surfaces

In addition to our notes (or similar instructions), for non-self-adhesive Architects Paper digital references, we recommend that, among other things, you follow the instructions provided by the respective paste manufacturer. Particular background and stress specifications may require different paste and processing recommendations. Among other things, the skilled tradesman will recognise this need for action.

However, in any case, only suitable solvent-free and plasticiser-free adhesives and materials should be used.

Symbols & Standards Also refer to:

<http://www.architects-paper.com/verarbeitung-und-technische-merkblaetter/>

Symbols



Good Lightfastness

The colourfastness to light is good.



Washable (all current non-woven medium materials, digital printing)

Gently remove light soiling with a damp sponge.



Water resistant (AP Performance Sand)



Completely dry-strippable

Can be completely stripped off dry from walls and ceilings when redecorating if an appropriate adhesive/paste has been used.



CE-Mark

Labelling in accordance with EN 15102



Packaging recyclable

Report issued by the Technical Commission of RESY GmbH according to standardised test method PTS-RH 021/95.



REACH certified supply chain

Information for specifiers and installers / Version: December 2016

Standards

The RAL German Institute for Quality Assurance and Certification in St Augustin is the most important authority on the subject of quality assurance. Strict quality specifications for wallpapers have been developed in collaboration with the Institute. These by far exceed the legal requirements. Adherence to these standards is constantly monitored by an independent party.

As well as RAL-GZ 479, the following current European standards are applied in the production of the *Architects Paper - Digital*:

- | | | |
|--------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | DIN EN 233 | Specifications for finished wallpapers, wall vinyls and plastics wall |
| <input type="checkbox"/> | DIN EN 235 | Wallcoverings – Vocabulary and symbols |
| <input type="checkbox"/> | DIN EN 12149 | Determination of migration of heavy metals and other extractable elements, content of vinyl chloride monomer and of formaldehyde release |
| <input type="checkbox"/> | DIN EN 12956 | Determination of dimensions, straightness, sponge ability and washability |

Additional Care Instructions

Light soiling must be removed immediately by careful dabbing with a clean, damp natural sponge or a clean, damp cloth. Remove dust carefully, for instance with a dust magnet system.
N.B. Contact with sharp-edged or pointed objects can lead to permanent damage.

We recommend that you always attempt any cleaning in a small inconspicuous area first.

Note

The statements above are general recommendations only. Usage and application are beyond our control. Therefore, the information given by us does not exempt the user from testing the suitability of our products for the intended purpose and processes. Complaints will be considered only if fewer than 2-3 strips have been mounted.

This data sheet will become obsolete as soon as a new edition is published as a result of technical improvements.