

## Product Information

### Manufacturer

Architects Paper  
a brand of A.S. Création Tapeten AG  
Südstr. 47  
51645 Gummersbach  
www.architects-paper.com

### Product Name



### POWER VLIES 130/150 & Plain Colour

### Quick Start Guide

- The surface must be clean, firm, dry, smooth, and stable with a uniform low absorbency
- Use only rolls with the same design and batch number and the same roll dimensions for each area
- We recommend Metylan NP new plaster paste or Pufas SK security adhesive for POWER VLIES 130/150 & Plain Colour
- We recommend paste-the-wall technique – Roll up strips with the non-woven backing facing outward
- Ensure exact tight seams
- Ensure that paste does not come into contact with the wallpaper surface – if it does, remove immediately with a damp sponge  
(paste stains will show up after painting)
- Smooth the wallpaper with a sponge rubber roller or brush, ensuring no blisters or creases form
- Do not reverse alternate strips, either room-height ones or the shorter ones above doors and windows
- Pigment POWER VLIES 130/150 & Plain Colour is suitable for solvent free and plasticizer resistant coating paints and varnishes  
(refer to product label)
- Ask your wholesaler or stockist about suitable products
- Test the product in an inconspicuous area before final coating – You will not be able to change the colour of a varnish
- Allow long open times for thin film paints and varnishes
- A tip for varnishes: use an oval brush for best results  
then wipe off excess paint with a soft long-bristled sweep brush (e.g. Bonum glaze wiper)
- A tip for coating paints: use a 14 - 16mm lambswool roller for best results
- If you primed cropping areas for coating paints with a brush you must go over them again with a short-pile paint roller
- Work only wet-on-wet in cropping areas
- Tip: Do the painting in pairs to avoid uneven drying and paint finish

## Product Specifications/Materials

- Pigment POWER VLIES come in the following weights:
  - Base Plain Colour: 123g/m<sup>2</sup> non-woven material (FSC certified)
  - Base POWER VLIES 130: 130g/m<sup>2</sup> non-woven material (FSC certified)
  - Base POWER VLIES 150: 150g/m<sup>2</sup> non-woven material (FSC certified)

Pigment POWER VLIES: non-woven wallpaper

- has specially developed surfaces, allowing customising walls with a variety of painting techniques
- must be painted over with a colour of your choice
- does not require soaking and may be hung using a wallpaper pasting machine, paste-the-wall or conventional techniques (depending on roll dimensions)
- can be completely stripped off dry when redecorating at a later date if the wall surfaces have been pre-treated appropriately and the correct paste has been used
- It is:
  - skin-friendly because it does not contain glass fibres
  - dimensionally stable – therefore, no soaking time is required
  - crack-bridging (hairline and fatigue cracks)
  - permeable to water vapour
  - paintable with solvent free paints
  - flame resistant in accordance with EN 13501-1, suitable for commercial objects
  - PVC-, plasticizer- and solvent-free

## Technical Data

- Roll dimensions: 25m x 1 m and 25m x 0.75 m; may vary by +/- 1.5%
- Optimum environmental conditions for hanging: 18°C and a relative humidity of 65%
- The wallpaper needs approx. 24 hours to dry, depending on temperature, relative humidity and surface characteristics
- Permeable to water vapour, in accordance with DIN 53122 and DIN 52615 respectively
- Flame retardant in combination with mineral-based surfaces and non-flammable structural panels (in accordance with EN 13501-1)
- Must be stored upright in cool and dry conditions

## Usage & Application

### Areas of Use

The products of the Pigment POWER VLIES collection are decorative and hard-wearing interior design elements for walls and ceilings, and particularly suitable for use in offices, hotels, hospitals, care homes, nurseries etc. as well as private residences. POWER VLIES 130/150 smooth non-woven wallpaper has been developed specifically for painting large areas efficiently and economically. Pigment POWER VLIES Plain Colour has been developed specially for using colour for wall design and creative techniques

## Pre-Treatment of Wall Surfaces

First, you need to test the surface for a smooth set, firmness, stability, dampness and alkalinity. See also VOB, part C, DIN 18363, para 3.1.1, and BFS Leaflet No. 16 "Technical Guidelines for Wallpapering and Adhesion".

Products of the Pigment POWER VLIES collection can be applied to all interior surfaces suitable for wallpapering (e.g. interior plaster, concrete, plasterboard and fibre cement). However, the surface must be clean, firm and smooth with a uniform low absorbency, and must be carefully prepared. Remove old wallpaper and non-adherent paint. Rough wall surfaces must be smoothed with a suitable filler. Pre-treat highly absorbent surfaces with a primer (e.g. Metylan wall primer for non-woven wallpaper).

You will achieve the highest quality level Q4 by full surface filling and smoothing.

Lightly coloured coating paint or varnish needs a background in a similar shade. This can be achieved by applying a coloured wallpaper primer before papering.

## Papering

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. If the product dries too quickly the seams may open out. This will be clearly visible when the paper has been painted, especially with the use of varnish. Do not paper if either the ambient or object temperature is below +10°C.

Check that all rolls to be used have the same design and batch number before unwrapping. Use only rolls with the same roll dimensions. Always follow the instructions of the relevant BFS Leaflets.

Pigment POWER VLIES wallpapers may be hung using a wallpaper pasting machine, paste-the-wall or conventional techniques. We recommend using roller wallpaper paste for non-woven material (e.g. Metylan NP new plaster paste or Pufas SK security adhesive).

We recommend paste-the-wall technique. Apply the paste thinly and evenly to a paper-width wide section of wall with a paint roller. Make sure to read the manufacturer's instructions. Ensure that no paste comes into contact with the wallpaper surface. If it does, remove immediately with a damp sponge. Paste stains will show up after painting.

How your paper depends on your chosen overall design. However, we generally recommend hanging the paper vertically, moving away from the source of light. Put the wallpaper into the paste tray without any bubbles. Ensure exact tight seams and smooth the wallpaper with a sponge rubber roller or wallpaper brush.

Wrap the wallpaper strip approx. 8cm around an outer corner. Then let the following one overlap by approx. 6cm. Cut through both strips at the double seam by hand, using a double cut wallpaper knife. Then remove the excess paper. Apply a little bit more paste to the seam area if necessary. Alternatively, you could use a corner profile for wallpaper.

In critical areas, such as corners and double seams, you may need to use a special additive to increase adhesion of the paste (e.g. Metylan Ovalit T). However, this may have an adverse effect on your ability to completely strip the paper off dry.

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. Do not overlap Pigment POWER VLIES products at inner corners; make a double seam cut instead.

## Choice of Colour/Paint

Make sure you leave sufficient time for the product to dry. Only start painting when the wallpaper has completely dried out. Depending on temperature and humidity, this happens usually overnight.

We generally recommend testing the desired colour effect on a sample piece with the solvent free paint you are planning to use. That way you will get an idea how well the wallpaper absorbs the colour. You can only change the colour of varnish by hanging fresh wallpaper. You must only use solvent free paint.

Ask your wholesaler or stockist about suitable products. Also pay attention to the manufacturer's technical data sheets. It is best to always work wet-on-wet, i.e. swiftly and without interruption. Tip: For best results use an oval brush to apply varnish and a soft long-bristled sweep brush to wipe off any excess (e.g. Bonum glaze wiper). Apply coating paint with a 14 - 16mm lambswool roller for optimum results. If you used a brush to apply coating paints to cropping areas you must go over them again with a roller. We recommend that you only use thin film paint and allow long open times.

Tip: Do the painting in pairs to avoid uneven drying and paint finish.

## Symbols & Norms

### Symbols



#### Coating Paint

Plasticizer resistant coating emulsion paint may be used.

Items: 95309-1; 95310-1; 95312-1; 95313-1



#### Varnish

Solvent free and plasticizer resistant varnish may be used.

Items: 95488-1; 95489-1



#### CE - Mark

Fire protection classification according to EN 13501-1



#### RAL - Quality Mark

## Norms

The RAL German Institute for Quality Assurance and Certification in St Augustin is the most important authority on the subject of quality assurance. In collaboration with the Institute strict quality specifications for wallpapers have been developed. 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 Pigment Power Vlies collection on non-woven material:

- DIN EN 233 Specifications for finished wallpapers, wall vinyls and plastics wall coverings
- DIN EN 235 Wall coverings – Vocabulary and symbols
- DIN EN 12149 Determination of migration of heavy metals and certain other elements, of vinyl chloride monomer and of formaldehyde release
- DIN EN 12956 Determination of dimensions, straightness, spongeability and washability
- DIN EN 13501-1 Fire classification
- DIN EN 15102 CE marking

## 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. Furthermore, complaints will be considered only if accompanied by some form of proof (sample piece and package insert).

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