

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 STRETCH 160

Quick Start Guide

- The wall surface must be clean, firm, dry, smooth, and stable with a uniform low absorbency
- Use only rolls with the same batch number for each area
- Use fabric adhesive, e.g. Henkel or Pufas, for POWER VLIES STRETCH 160
- Use only 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 immediately after painting)
- Smooth the wallpaper with a sponge rubber roller or brush, ensuring no blisters or creases form. Do not use a smoother
- Do not reverse alternate strips, either room-height ones or the shorter ones above doors and windows
- Pigment POWER VLIES STRETCH is only suitable for solvent free coating paints
- Ask your wholesaler or stockist about suitable products
- Test the product in an inconspicuous area before final coating
- Allow long open times for thin film paints
- Tip: 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 STRETCH has the following weight:
 - Base: 160 g/m² non-woven material (FSC certified)

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Pigment POWER VLIES STRETCH non-woven wallpaper

- has a coarse open surface, allowing customising of wall areas
- must be painted over with a colour of your choice
- does not require soaking and must be hung using paste-the-wall technique
- It is:
 - skin-friendly because it does not contain glass fibres
 - crack-bridging (dynamic up to 30mm)
 - permeable to water vapour
 - paintable with solvent free coating paint
 - flame resistant, according to EN 13501-1, and can be used in the contract sector
 - PVC, softener and solvent free

Technical Data:

- Roll dimensions: 25m x 1m, 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
- According to European SBI standard flame resistant 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

Pigment POWER VLIES STRETCH has been developed specifically for walls liable to dynamic settlement cracks. It is a hard-wearing interior design element for walls and ceilings, and particularly suited for use in both old and new builds for offices, hotels, hospitals, care homes, nurseries etc. as well as private residences. We developed a particularly elastic and tear-proof stretchy non-woven material for problematic old or new plaster with a tendency to crack. Even dynamic cracks up to 30mm are permanently concealed. That is ten times more than with conventional non-woven materials. When combined with the right kind of paint unsightly plaster can be turned in a long-lasting functional wall décor.

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"

POWER VLIES STRETCH 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 out with a suitable filler. Pre-treat highly absorbent surfaces with a primer (e.g. Metylan wall primer)

Technical Data Sheet

Technical information for specifiers and consumers. Published December 2013

for non-woven wallpaper).

You will achieve quality level Q3 by filling and smoothing.

Lightly coloured coats of paint or varnishes need 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 wallpaper dries too quickly the seams may open out. This will be clearly visible when the paper has been painted. Do not paper if either the ambient or object temperature is below +10°C.

Check that all rolls to be used have the same batch number before unwrapping. Always follow the instructions of the relevant BFS Leaflets.

Use only paste-the-wall technique for Pigment POWER VLIES STRETCH. We recommend use of a fabric adhesive (Henkel, Pufas).

Follow 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 immediately after painting.

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 brush, avoiding any blisters. Do not use a smoother. Do not reverse alternate strips, either room-height ones or the shorter ones above doors and windows.

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.

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 STRETCH at inner corners; make a double seam cut instead.

Choice of Colour/Paint

Make sure you leave sufficient time for the wallpaper 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 must use solvent free paint only.

Due to technical reasons the surface texture is open, resulting in a different look compared to POWER VLIES 130 / 150.

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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. Use a 14 - 16mm lambswool roller for coating paints to achieve optimal 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 paints and allow long open times.

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

Symbols & Norms

Symbols



Coating Paint

Solvent free coating emulsion paint must be used

Item: 95329-1



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 wallcoverings
- DIN EN 235 Wallcoverings – 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

Technical Data Sheet



Technical information for specifiers and consumers. Published December 2013

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 becomes obsolete as soon as a new edition is published as a result of technical improvements.