

## NATURALLY INNOVATIVE

Lahnpaper is a quality-driven market leader in the international market for fibre products, looking back on over 100 years of experience in the development, production and further processing of nonwovens and special paper. Lahnpaper is part of the Kajo Neukirchen Group. Around 170 employees strive to offer our customers and partners genuine added value. This applies particularly also to exceptional customer solutions that are successfully and efficiently implemented thanks to state-of-the-art technology and experienced experts.

When it comes to production, our company attaches a great deal of importance to the sustainable and environmentally friendly use of resources such as raw material, water, and energy. Numerous Lahnpaper products are available with the FSC® or STANDARD 100 by Oeko-Tex® certifications. In addition, Lahnpaper is certified according to DIN EN ISO 14001 (environmental management), DIN EN ISO 50001 (energy management) as well as DIN EN ISO 9001 (quality management).

### Membership of associations



### Certificates



Made in Germany



Wall-pasting technique



PVC-free



Emission A+



Skin-friendly



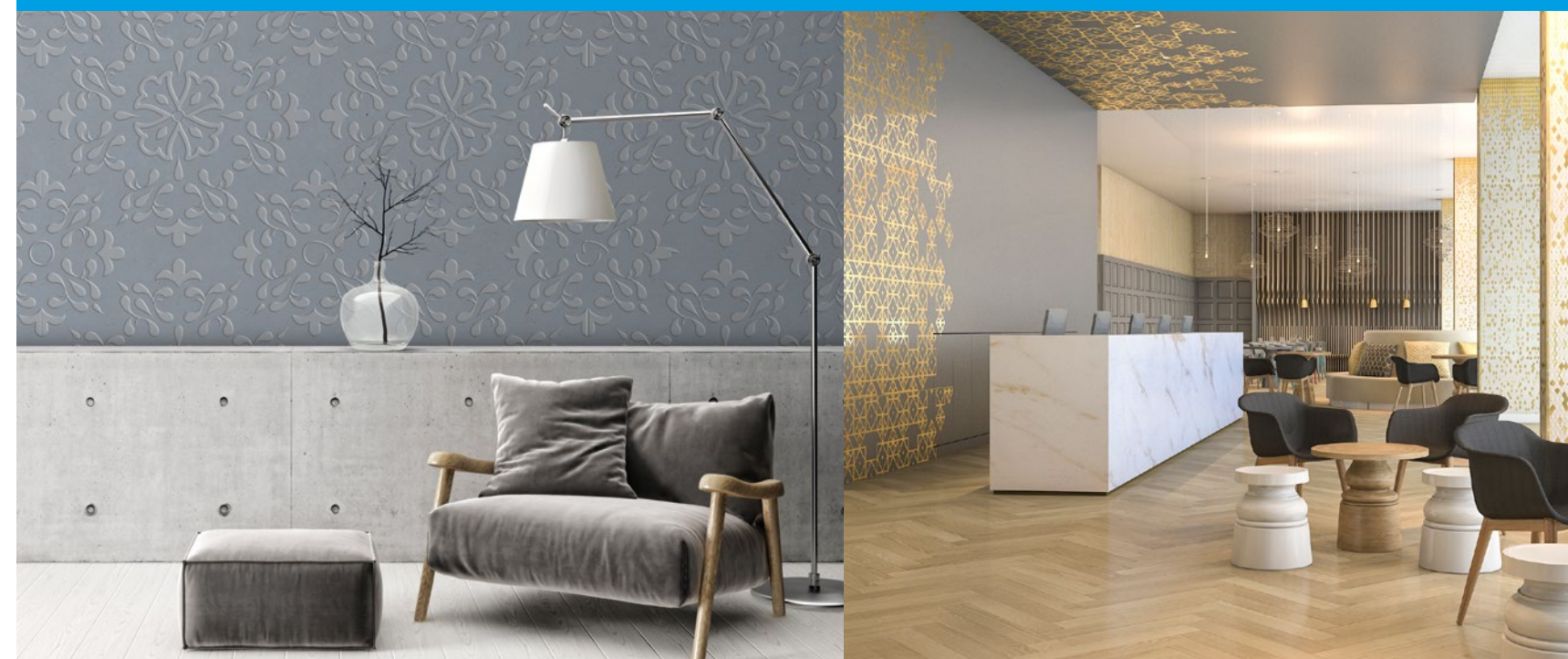
Free from plasticizers

varitess®

# NONWOVENS FOR BEAUTIFUL WALLS



SMOOTH NONWOVENS AND WALLCOVERINGS



## NONWOVENS FOR PEOPLE WITH HIGH STANDARDS

varitess® has been the leading brand in the wallpaper market for over 30 years. varitess® stands for quality and high standards as well as for easy and fast processing; its characteristics make it the best choice for wallpapering. varitess® is a wet-laid nonwoven "Made in Germany" based on high-purity cellulose and textile fibres that are produced on an inclined wire papermachine. varitess® is available in many surface finishes and reel widths.

The comprehensive range of varitess® includes high-quality products for any type of wall design: nonwovens for perfect walls in renovated and newly built homes, printable wallpaper for individual design highlights, vinyl wallpaper for spectacular relief effects as well as textile wallpaper and all types of custom-made products.

### MATERIAL FOR PEOPLE WITH THE HIGHEST OF STANDARDS:

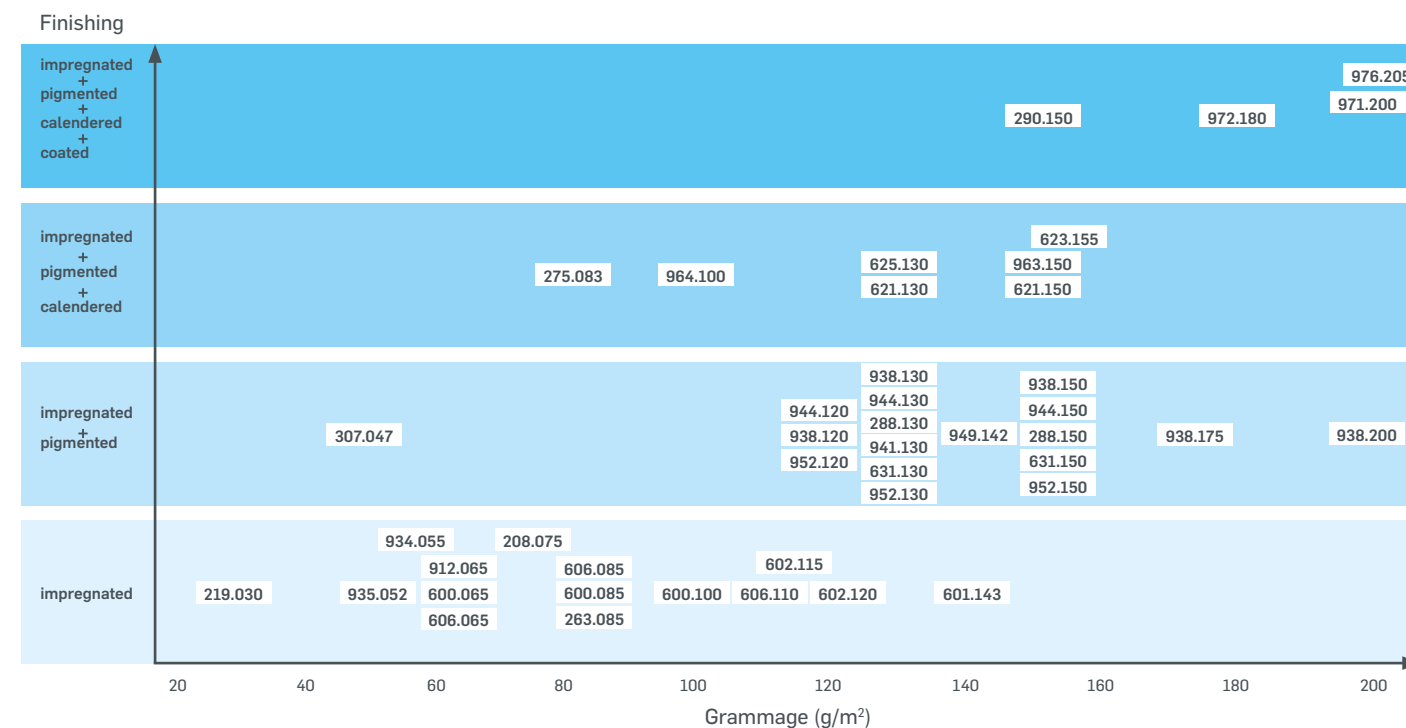
- ✓ mat, semi-mat, glossy, structured, calendered, coated
- ✓ all reel widths up to a maximum of 260 cm
- ✓ core diameter 70, 76, 152 mm
- ✓ grammages from 30 to 300 g/m²
- ✓ high volume
- ✓ high levels of strength, wet and dry
- ✓ good lightfastness
- ✓ without glass fibres & PVC
- ✓ breathable due to incorporated textile fibres
- ✓ ensures a healthy indoor climate
- ✓ available with an FSC® certificate
- ✓ certain products are certified according to STANDARD 100 by Oeko-Tex®

### EASY (FURTHER) PROCESSING:

- ✓ printable using digital and all commonly used wallpaper printing procedures
- ✓ versatile and stable when refined: lamination, embossing and coating possible
- ✓ higher speed due to paste the wall technique: fast wallpapering without the need for a pasting table
- ✓ high levels of strength and thickness, covers up slightly damaged and uneven wall sections
- ✓ dimensional stability: no seams and creases
- ✓ can easily be painted over
- ✓ dry strippable (depending on substrate, type of paste and processing)

## THE ENTIRE RANGE AT ONE GLANCE

varitess® offers you a particularly large range of nonwovens as a basis for the production of wallpaper. Apart from a great choice of grammages, the product range includes many different qualities in the form of processed or refined versions that, for example, may be impregnated, pigmented, calendered and coated. In addition, we offer customised versions in line with your requirements.



## CONVINCING QUALITY

### HEALTHY INDOOR CLIMATE

The incorporated textile fibres ensure that varitess® nonwovens have, unlike paper, a very open structure. They ensure moisture permeability and prevent the formation of mildew, which contributes to a healthy indoor climate.

### FLAME RESISTANCE

During an assessment of their declaration of performance pursuant to DIN EN 15102 for CE labelling, most varitess® qualities have, as far as their fire behaviour is concerned, been classified as flame resistant.

### SAFETY

The raw and auxiliary material used for the production of varitess® is of predominantly natural origin. The production of undyed varitess® products neither involves the use of heavy metal or heavy metal compounds nor organic solvents and mineral fibres nor formaldehyde. varitess® meets the requirements of the health and ecological standards for wall coverings according to RAL-GZ 479 of the Gütegemeinschaft Tapete e. V (German Association for Standards in the Wallpaper Industry).

### DRY STRIPPABILITY

varitess® is, under certain predefined conditions, dry strippable. As the dry strippability of a wallcovering depends on the substrate as well as the type and quantity of paste, and since neither wallpapering methods nor paste properties are standardised, Lahnpaper cannot issue a certificate about the dry strippability of varitess®.

### DISPOSAL

All varitess® qualities are free from substances whose disposal may pose a risk to the environment or to people's health. The thermal recycling of varitess® will not, under normal circumstances, lead to environmentally damaging combustion products or residues.

## FAR MORE THAN JUST A WALLPAPER

- ✓ substrate for flexible floor coverings
- ✓ acoustic ceilings and ceiling tiles
- ✓ carrier material for functional or decorative coatings
- ✓ high-quality packaging for scratch-resistant surfaces
- ✓ climate-proof protective packaging (e.g., for wet rooms or tropical regions)
- ✓ special sleeves
- ✓ resin-impregnated in the timber industry

