

WallVision Product- and Environmental Declaration

Brand: Boråstapeter

Collection: Oriental Dreams

Ref. 1904 - 1935

Product

Wallcoverings made of nonwoven with weight between 75-190 g/sqm.

Environmental mark

The wallpapers are CE-marked and fullfils the enviremental demands according to product standard SS-EN 15102:2007+A1:2011.

Fullfils the IGI:s trade standards

(IGI = International Wall covering Manufacturers' Association)

<http://www.igiwallcoverings.org/industry-standards/>

The wallcovering fulfils the productdemands of emissions according to M1 emission Class For Building Material.

Determination of the emission factor for VOC* and identification of dominating substances has been made at the Swedish Testing- and Research Institute according to the FLEC-method**. The test results is below the quantitative detection limit ($< 10\mu\text{g}/\text{m}^2 \times \text{h}$)

* VOC=Volatile Organic Compounds

** FLEC=Field and Laboratory Emission Cell

<http://www.rakennustieto.fi/index/english/emissionclassificationofbuildingmaterials.html>

Product contents

All wallcoverings are free from PVC, heavy metals and other environmental harmful substances. All inks are waterbased.

| The wallcoverings Components | Total weight percent | Weight-percent | Specifications of the components composition |
|------------------------------|----------------------|----------------|--|
| Nonwoven | 65-100% | 40-85% | Cellulose (TCF) |
| | | 15-30% | Synthetic fibres+film |
| | | 0-30% | Vac/Acrylic polymer |
| | | 15-25% | Filler |
| Ink | 0-35% | 65-100% | Pigment Filler |
| | | 0-30% | Vac/Acrylic polymer |

Formaldehyde in combined form exists naturally in wood being used in production of paper. Analysis of wallcovering therefore shows tracks of formaldehyde. The quantities though are essential lower than the valid limit.

The label of the wallcovering declares that the contents is less than the limits determined in the CE-standard for wallpapers. Even if the wallcovering is free from heavy metals it shall be written that it contains less then ($<$) existing limit.

The label declares what DOP (Declaration Of Performance) that is valid for each ref. Can be found at www.wallvision.se/CE

Fireclass

The wallcovering has a fireclass printed on the label that apply to the product standard and is judged according to EN13501-1. Fireclass of each ref. is shown at the end of this document.

Usage

The wallcovering can be used in all areas except wet areas such as bathrooms etc. Suitable adhesive is a machine adjusted adhesive.

Colour fastness to light

Very good colour fastness to light 6-8. The highest value is 8.

Packaging

The wallcovering rolls are wrapped into a thin recyclable polyethylene film before being packed into a corrugated cardboard carton.

In average 50 gr packaging is being used per kg wallcovering.

The average transport volume (incl. packaging) per kg wallcovering is about 4 dm³.

WallVision is connected to the Swedish REPA-register

The packaging material is partly produced from recycled fibres.

Transport

The wallcoverings are transported via trucks from our central warehouse in Borås, Sweden.

Care instructions

The wallcoverings have high washability. Stains are treated as follows:

- Wet the stain with a cloth or a sponge using soapy water or detergent.
- Use plenty of lukewarm water to get off all soap rests.
- Wipe off the over amount of water and leave the wallcovering to selfdry.
- Avoid to get water in the joints where the wallcovering is unprotected.

Estimated lifetime

Estimated lifetime of the wallcovering is 10-15 years..

Recycling and waste

The wallcovering can be recycled as energy at combustion.

All excess inks are being reused in production.

No wallcovering waste is considered as hazardous waste.

In order to achieve and maintain necessary wallcovering strength and fullfil Wallvisions's quality standards no recycled material is included in the wallcovering.

Production

When producing wallcovering, only enviremental friendly waterbased colors are being used. In that way We eliminate all kinds of dangerous waste. Wastewater from production is being taken care of at sight in a treatment plant and the mud that remains is burned upp by the Borås energy company.

Certificates and reports

| Artikelnummer | Rapport | Passning | Brandklass | Klassificeringsrapport för brandtest | M1 certifikat |
|---------------|---------|-----------|------------|--------------------------------------|---------------|
| 1904 | 53 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1905 | 53 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1906 | 53 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1907 | 53 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1908 | 13,25 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1909 | 13,25 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1910 | 13,25 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1911 | 13,25 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1912 | 0 | Random | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1913 | 0 | Random | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1914 | 0 | Random | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1915 | 53 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1916 | 53 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1917 | 53 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1918 | 53 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1919 | 38 | Half drop | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1920 | 38 | Half drop | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1921 | 38 | Half drop | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1922 | 38 | Half drop | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1923 | 38 | Half drop | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1924 | 53 | Half drop | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1925 | 53 | Half drop | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1926 | 53 | Half drop | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1927 | 53 | Half drop | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1928 | 53 | Half drop | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1929 | 53 | Half drop | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1930 | 53 | Half drop | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1931 | 3 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1932 | 3 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1933 | 3 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1934 | 3 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |
| 1935 | 3 | Straight | B-s1,d0 | 3. Decorative wallcovering nonwoven | WVM1:1 |