

## 1. GENERAL

### 1.1 Summary

DESARDI Walltex 290g Wallcovering is an inkjet printable wallcovering product consisting of a vinyl top layer with a fabric Osnaburg backing. With DESARDI wallcovering products a wall and/or ceiling can be customized with images and patterns of your own choice.

DESARDI Walltex 290g wallcovering is exceptionally strong, dimensionally stable, lightfast, fire-retardant, scrubbable, durable, and easy to maintain.

DESARDI Walltex 290g (13oz.) is available in the following textures:

Walltex Fine Sand 290g  
Walltex Grasscloth 290g  
Walltex Canvas 290g  
Walltex Grated 290g

### 1.2 Physical data

DESARDI Walltex 290g

-Total surface mass (g/m <sup>2</sup> )	290 ± 30	13 oz. per linear yard
-Vinyl weight (g/m <sup>2</sup> )	250 ± 20	11 oz. per linear yard
-Backing weight (g/m <sup>2</sup> )	50 ± 10	2 oz. per linear yard
-Media width (mm)	1372	
-Thickness	depending on embossing texture	
-Net image width	depending on printer capabilities	

#### Lightfastness prior to printing:

≥ 7 out of 8 International Wool scale  
(1 = very poor, 8 = excellent)

BS EN 20105 / ISO 105-B02

#### Dimensional Stability:

-No change in dimension with changing humidity or temperature.

## **Washability prior to printing:**

- Scrubbable EN259-2

In general: Digitally printed wallcovering can be washed, slight or moderate soiling can be removed using a combination of mild detergent and damp cloth. Dabbing, not rubbing is recommended to lift off the soil. Rinse off with clean water, prevent remaining moisture at skirting level. Do not use bleach and/or abrasive cleaners.

## **Resistance to cleaners prior to printing:**

- Resistant to: Soap, detergents, Alcohol, Ammonia, Alkali, Diluted acids
- Not resistant to: Solvents like Esters, Ketones, Aromatic hydrocarbons.

## **Resistance to chemicals after printing:**

- Depending on print technology, consult the ink and/or printer manufacturer.

## **Print technologies:**

- Inkjet - Eco-solvent, UV curable, UV Gel and Latex.

## **Safety:**

- The product is classified as non-dangerous and complies with EN 15102 for building materials (CE marking)
- Reaction-to-fire: B-s2,do in accordance with EN13501-1:2018
- Class "A" in accordance with ASTM E-84
- Complies with REACH regulations

## **2.1 Available documentation**

- REACH declaration
- Declaration of product conformity (DoP)
- Reaction-to-fire report EN13501-1:2018
- Fire behaviour report ASTM E84 Tunnel Test
- Technical datasheets
- Application guidelines

## 3.1 Application guidelines

### Project recommendations:

Project recommendations and application guidelines for digitally printed wallcoverings are similar to projects using traditionally printed wallcovering. However special care must be taken to the position and size of doors, windows and appliances when designing and applying the project.

### Mounting surface:

- The surface must be smooth, dry, dust free and evenly coloured.
- Loose paint, old paper remains must be removed.
- Marks from felt pens, ballpoint, crayon, etc. must be removed.
- Absorbent and sandy surfaces must be treated with a primer or diluted adhesive 12 hrs before hanging the wallcovering.
- On non-absorbent surfaces such as painted and metal surfaces a specialized adhesive for this type of surfaces must be used.
- Minimum temperature for application is 10 degrees Celsius.
- The adhesive can be applied with a roller or block brush.

### Adhesive:

A pre-mixed PVA based adhesive for medium to heavy duty fabric-backed wallcovering is recommended. As a rule of thumb 200-300 gram per square meter is recommended, depending on the surface.

### Cutting:

All cuts are to be done with a sharp, new blade every time. A dull blade will result in frayed edges and poor seams.

### Print recommendations:

Due to small differences in printers from left to right, it is recommended to print the panels alternatively in different directions. This prevents small colour differences at the joints.

Printing with or without overlap is possible. In the case of overlap a double cut seam has to be made. A vinyl wallcovering does not adhere to vinyl wallcovering.

### Protecting wallcovering:

Wallcovering can be protected by a liquid laminate to improve the durability. Vinyl and / or polyester laminates are not recommended.

## Project Guidelines:

- When starting a larger project it recommended to carry out a test in a realistic situation.
- Supply the installer with the correct application guidelines.
- Check the material after cutting 3 lengths on colour consistency, surface texture and image registration and size.
- Notify the contractor if any damage or other defect is found.

## Product Delivery, Storage and Handling:

Deliver the digital printed wallcovering products to the installation site in good order and undamaged, preferably in its original packaging. Store the material under normal conditions (10°C – 35°C at a relative humidity 40% - 70%). Higher humidity and/or temperature may affect the product performance.

Store the wallcoverings in flat position to prevent damage to roll-ends. Maintain constant environmental conditions for at least 48 hours prior to, throughout the installation period and for 48 hours after completing the project. Quick or uneven drying may result in failures. Provide sufficient lightning during the installation process.

## Trimming:

Keep a broad sharp putty knife between the wallpaper and the blade when trimming. This will protect the paper and ensure a straight cut. Also, don't lift the knife blade until you are done with the cut. Renew your blade every time. Keep the knife sharp.

## Hanging the wallcovering:

- Mark a perpendicular line so that the first length can be hung at 2 cm through the corner.
- Apply sufficient adhesive with a lambs wool roller or block-brush to the wall.  
As a rule of thumb, 200 gram per square meter is required.
- Apply the dry wallcovering product to the wall.
- Use a squeegee to smoothen out the length in vertical direction.  
A plastic or metal squeegee may damage the image.
- Butt join or overlap the lengths by 5 cm.
- Tip:** In dark areas apply a dark colour on the wall at the joints to prevent a white background shining through the joint if the edges do not match perfectly
- Cut the centre of the overlap with a sharp knife.
- Do not cut in the wall this may result in the joints to stand open.
- Remove the outer and inner edges and re-paste the wall under the joint with a brush.
- Close the joint with a squeegee or roller in vertical direction and remove glue with a sponge and clean water if necessary.
- Do not leave the overlap as the wallcovering will not adhere to itself.
- Remove the strip at the ceiling and skirting-board with a spatula and a sharp knife, always move the spatula while keeping the knife in the cut.

## Stripping and removal

- Sometimes it is necessary to remove the wallcovering to upgrade the interior.
- The wallcovering can be removed in large pieces.
- When removing the wallcovering, start at the top, some water may help to soften the adhesive. Pull the wallcovering down at a close to 180 degree angle.

## 3.2 Clean-up Completion

Upon completion of the work, remove all surplus materials, rubbish and debris resulting from wallcovering installation. Leave areas in neat clean and orderly condition.

- END OF SECTION -