

Installation instructions

Vescom vinyl wallcovering + Vescom Protect in wet and operating rooms

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1. additional hanging instructions for hanging vinyl wallcovering + Vescom Protect in wet and operating rooms

general

- The surface must be flat, fixed, permanently dry, be grease- and dust-free and stable.
In case of lighter vinyl qualities, the surface must be uniform in colour because of translucency issues.
- The surface to be glued on must have a temperature of at least 10° C.
The wall may not contain more than 4 volume or weight percentage points in moisture. When the temperature lies between 10° C and 15° C, a delayed drying time for the adhesive must be taken into consideration.
- The thickness difference between the skirting-board and wall must be levelled with an appropriately adhering and not crumbling levelling product over a width of approximately 15 cm. Level at the inside and outside corners over a width of 30 cm.
- Suctioning walls must be primed with non-diluted Vescom primer/sealer.
 - The yield will be 7 to 10 m² per litre depending on the surface.
 - Drying time of at least 5 hours under favourable conditions.
- Should walls have to be painted in a colour (because of translucency issues), a good quality dispersion wall paint must be used instead of the primer/sealer.
 - Colour: to increase the strength of the coat, we recommend colouring in the wall paint slightly. This will depend on the colour differences in the surface.
 - Yield: must be diluted in accordance with the instructions of the manufacturer with as benchmark that the wall only needs to be uniform in colour and a slightly thinner layer is better than a thicker one.
 - Drying time: 2 x 24 hours under favourable conditions.
- The adhesive to be used: Vescom 2000.
Yield: approximately 300 g/m².
- The adhesive to be used: Vescom 3000 for the bottom 10 cm when finishing the skirting-board in accordance with method B.
- We recommend storing all materials to be used such as the primer/sealer, adhesive and vinyl and cold welding kit at room temperature in relation to being able to use/hang the material and the end result that you wish to achieve.
- The vinyl/joins must be cut twice using a double cutting knife. The material must always be stuck generously through and around the corners.
- The double cut joins must be welded with a PVC sealing cold welding kit by using an A nozzle after the adhesive has dried. Weld from the bottom to the top. Surplus cold welding kit on the front of the vinyl + Vescom Protect must be removed immediately. Attention: cold welding kit must not run over the skirting-board. The welding of the vertical joins is only required if they will be exposed long term to thermal loads such as, for example, can occur in a shower room.

- All horizontal joints at, for example, the skirting-board must be welded with a sealing paste and a C nozzle after the adhesive has dried. Attention: cold welding kit may not run over the skirting-board.
- Rosettes, taps and different leadthroughs as well as horizontal connections on tiles and a bath must be correctly degreased and primed with a primer A. Kit with a 1-component A silicone kit of Sigma Coatings after it is dry.
- The further hanging should proceed in accordance with the general Vescom hanging instructions.

2. Technical Vescom Protect and cold welding product information

water vapour permeability (diffusion)

Tested Mikra + Vescom Protect combination.

Average result of 3.78 g/m² in 24 hours.

length test

Deterioration and contribution towards the development of microorganisms in the Vescom Protect film.

Tested version	: only the Vescom Protect film.
Result	: Vescom Protect film does not contain any substances that make the development of microorganisms possible. : Microbiological development is only possible in relation to high relative humidity when the Vescom Protect film is dirty.

penetration test

The penetrability of microorganisms in the Vescom Protect film.

Tested version	: only the Vescom Protect film.
Result	: Vescom Protect film is non-penetrable by bacteria provided that the film is undamaged.

light resistance test cold welding – Xeno test in accordance with DIN 54004

Tested qualities	: Bouet and Maya + Vescom Protect.
Result	: the use of a cold welding product that may or may not be pigmented will not influence the degree of light resistance.

cold welding working method

Cold welding products are strong solvents that dissolve the joints to be welded (and, therefore, not the Vescom Protect) and make them join after evaporation to obtain a permanent molecular compound.

Cold welding can only work in relation to those materials that can be dissolved by the product. It will not, for example, work on metal, tiles, enamels and timber. A primer and an A silicone kit of Sigma Coatings for these joints.

3. Product descriptions

PVC-cold-welding liquid

This is a thin, liquid and transparent solvent for sealing vertical double cut joins in vinyl + Vescom Protect. Seal cold welding is used while using a cold welding bottle with an A nozzle.

Consumption: approximately 1 litre for 360 metre join.

Drying time: approximately 1 hour.

PVC-cold-welding liquid extra matt

This is a thin, liquid and transparent solvent that is made extra matt for the sealing of double cut joins of vinyl without Vescom Protect using a cold welding bottle with a C nozzle.

Consumption: approximately 1 litre for 250 linear meter join.

Drying time: approximately 1 hour.

sealing paste

This is a thick, liquid and transparent solvent for sealing horizontal joins such as, for example, to finish skirting-boards in accordance with drawings A and B. A cold welding bottle with a C nozzle is used to apply the product.

Consumption: approximately 1 litre for 150 linear meter join.

pigmented sealing paste (for carrying out repairs)

This is a thick, liquid solvent that is pigmented in the colour of the surface that is used especially to bridge larger joins ranging from 1 to 4 mm. A cold welding bottle with a C nozzle is used to apply it.

Consumption: approximately 1 litre for 100 to 200 linear meter join.

general cold welding product description

Cold welding is a volatile solvent. Highly flammable. 2.5 times heavier than air. It forms an explosive mixture combined with air and will cause irritation in high concentrations to eyes and airways. Appropriate ventilation is, therefore, essential.

4. Skirting-board joins

method A



method B

