



INSTALLATION INSTRUCTIONS & PRODUCT DATA SHEET

PRODUKTDATENBLATT New Deco Wallfilm

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Highlights

- Self-adhesive (B1 fire protection certified)
- Repositionable
- Formable
- Repeat at 1.2-2.5 metres
- Continuous decor across all panels
- Tangible structure
- Suitable for walls and furniture (except for heavily used surfaces such as kitchens, floors, etc.)
- No subsequent renovation of walls required

Application

Possible substrates

- Paint coat with glossy paint (optimal)
 - Paint coat with matt paint (conditionally possible, Aqua Primer recommended)
 - Smooth wallpaper such as fleece (Aqua Primer!)
 - Plasterboard
 - glass
 - Wood (no natural wood)
 - stone
 - Tiles
- In principle, 2-5 mm overlap is recommended when bonding.

Unsuitable substrates

- Walls with dents, cracks, scratches
- Paints with migrating ingredients such as chlorinated waxes and silicones
- Graffiti resistant paint
- Textured paints
- Woodchip wallpaper /textured wallpaper
- Latex paints on wood substrates
- Oily alkyd primers and enamel paints
- Chalked, sandy, weathered painted surfaces
- Paint coatings that are not completely dry

Substrate must be clean and smooth:

- free from grease, dust, dirt, oil
- Repair unevenness

Processing temperature:

- Room temperature 16-25 degrees optimum
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Installation:

- Unroll the films, leave for 1 hour
- If necessary, clean edges with degreaser
- Fix foil with masking tape first
- Remove masking film from decorative film piece by piece
- Finish edges with a lot of pressure

Removal of the foil:

- Can be removed almost without residue for up to 1 year
- Peel off slowly at an angle of 120-180 degrees
- Use hot air dryer (except for sheetrock)

Shelf life:

- 1 year removable
- 10 years durable

New Deco Wallfilm

The new, self-adhesive, vinyl-based series from New Deco is particularly user-friendly, as it is removable and versatile. Due to the material properties, it is optimally suited for bonding on walls. Application on furniture is also possible on surfaces that are not subject to heavy wear.

The adhesive is strongly adhesive, yet not permanent and therefore repositionable. The film is malleable and slightly stretchable. Thanks to the generous repeat at 1.2-2.5 metres and the tactile structure (wood, stone, abstract), the New Deco Wallfilm series looks particularly authentic. Currently, over 200 different decors are available in the categories stone, marble and wood in 1.22m roll widths.

Anwendung



In contrast to conventional films, the New Deco Wallfilm can be installed on almost any surface, such as painted walls, plaster walls, glass, wood and tiles, and can be repositioned. This means that fine adjustments can be made during installation without damaging the film. This makes it possible to react quickly, flexibly and cost-effectively to new living trends or personal change requests. Thanks to the innovative adhesive structure, any air bubbles can be easily squeezed out.

For less than ideal wall surfaces, we recommend New Deco Interior Design Film with permanent adhesive. This is strongly adhesive even on difficult substrates.

The New Deco Wallfilm is ideal for use on smooth, non-sandy surfaces.

The Wallfilm can also be used in wet areas. To cover tiles, we recommend using the Wallfilm cut to size, as the vinyl-based film can adapt to minimal curvatures, such as at the edges of the tiles. The joints remain free. According to current knowledge, an additional sealant is not necessary.

Substrate – Furniture

It is possible to use the Wallfilm on furniture that is not subject to heavy wear. The film can be bent or folded at a 90 degree angle, the film can be cut and folded accordingly. The film can also be easily stretched the film can be easily stretched. Excessive overstretching can cause a white break.

For problem-free 3D deformation and highly surfaces, we recommend our permanent adhesive New Deco Interior Design Film series.

Bathroom

The wall film can also be used in wet areas. use. You can stick the film both on the wall on the wall as well as on existing tiles.

The film is available in standard tile sizes, as well as in individual sizes.

The joints remain free. Sealing sealing is not necessary according to necessary.

Dekor

The decor can be tiled, i.e. the grain can be the grain can be continued over several roll widths, so that a large-area structure is created.

As there may be slight shrinkage may occur, it is recommended to apply the film with 2-5 mm overlap.



Choice of substrate

Please follow all instructions for proper bonding so that the product behaves according to the specifications.

The cleaning and preparation of the substrate has a decisive influence on the quality of the bonded film.

Depending on the surface condition of the substrate, the adhesive strength and shrinkage behaviour of the film varies.

Plasterboard (Rigips)

Optimum results are obtained with smooth, if necessary carefully primed, painted and dried plasterboard with a completely or almost completely even surface.

Painting walls and painted walls

If the wall or wallpaper is to be painted first, please note the following:

To apply the paint, it is best to use a lambskin roller, a foam roller or spray paint.

Prime the wall 1-2 times. Observe the waiting time specified by the manufacturer, otherwise air bubbles may form under the film.

Use glossy (or semi-glossy) paint if possible.

Suitability of different wall colours

Be careful with matt wall paints as a substrate.

Depending on the composition of the paint, the films adhere differently. The more matt the colour, the worse the performance of the film.

The non-reflective surface of matt colours are porous, which allows dirt to adhere, making cleaning more difficult. Due to the porous structure of matt colours, self-adhesive films are much more difficult to adhere to, as they cannot bond to the surface. Therefore, Newdeco Wallfilm should be applied with an overlap of 2-5 mm.

Silk matt and low-gloss colours are more shiny than matt. Nevertheless, they also contain matting agents that impair the adhesion of the film. Therefore you should the New Deco Wallfilm should be applied with an overlap of 2-5 mm.

Semi-gloss colours have a reflective surface. Their structure is relatively smooth, so that the adhesive can build up a good adhesive bond.

Surfaces painted with gloss paints are ideal for bonding. optimal for gluing. The paint has a smooth surface and offers a good adhesion base. The film can be bonded glued.

Observe processing and drying time:

The installer should always make sure that the application and drying of the that the application and drying of the paints is in accordance with the according to the instructions of the paint manufacturer's instructions. Air-drying paints must be dried before must be allowed to dry at normal room temperature and humidity for at least for at least one week before application.



Wall plaster/ treated wood/ low-energy surfaces such as wallpaper with latex coating

The adhesive does not adhere optimally. Reduced adhesive strength, greater shrinkage and shorter film life are to be expected. To improve the adhesive strength, we recommend pretreating the wall with Newdeco Aqua Primer and applying the film with a 2-5 mm overlap. Or use a decor from the Interior Design Film series with permanent High Tack adhesive.

Wallpapers/Painted Wallpapers

Depending on how uneven/textured the surface of the wallpaper is, the self-adhesive films adhere differently. Basically, wallpaper is not an optimal substrate. The structure is relatively porous, so the adhesive cannot bond optimally to the surface. We therefore recommend pretreating the wall with Newdeco Aqua Primer and applying the Newdeco Wallfilm e.g. to non-woven wallpaper with a 2-5 mm overlap.

Textured wallpapers and woodchip wallpapers do not provide a good adhesion base and should therefore be avoided.



Important: Always test the compatibility of the film and adhesive on an inconspicuous area before an inconspicuous area before you start with the actual application.

Testing of the substrate

Damage to the surface, such as poorly adhering paint, paint, dents, cracks or an uneven surface must be repaired and brought into as-new condition.



The following substrates do not provide good adhesion and should therefore be avoided.

Paints with migrating ingredients such as chlorinated waxes and silicones

- Graffiti resistant paint
- Textured paint
- Woodchip wallpaper /textured wallpaper
- Latex paints on wood substrates
- Oily alkyd primers and enamel paints
- chalked / weathered painted surface
- Paint coat that is not completely dry

Cleaning the substrate

All substrates to be covered must be clean, even and dry. Contamination such as dust, dirt, grease, oil, etc. and damage to the substrate such as poorly adhering paint can impair the adhesion of the film and must be removed before application.

- With sheetrock, it is usually sufficient to wipe off the dust with a lint-free cloth.
- Greasy dirt can be removed with a trisodium phosphate solution (TNP) from the hardware store.
- Clean cast concrete or prefabricated concrete walls vigorously with a brush by hand or a pressure washer and detergent and rinse with clear water, then dry with a lint-free cloth; wipe again after drying.
- Do not use cleaners with lotions, waxes, creams or oil.



Repairing the subsoil

The following defects must be corrected in any case before application.

- Moisture behind the plasterboard: This can cause the board and film to come loose. This can be especially the case in areas of water pipes, skylights, refrigerators, freezers, etc.
- Poorly adhering wallpaper (generally adhere to wallpaper with Aqua Primer and overlap).
- Loose, chipped, flaking or peeling paint. Scrape off all loose pieces of paint and then prime and paint the wall.
- Holes in the wall or poorly filled holes must be filled, primed and painted.
- Cuts that damaged the wall when the film was stuck down.
- Loose joint fillings between plasterboard panels must be repaired.
- Excessive graininess of the paint: The surface can possibly be smoothed with sandpaper or a steel sponge. Then prime the wall and paint it.
- Kleberückstände etc.

Conclusion: Dirty, porous, damaged substrates must be cleaned or repaired before application, otherwise this will result in reduced adhesion and increased shrinkage.

Bonding to the wall

Bonding tools:

- Crepe tape (for positioning)
- Lint-free wipe (for cleaning the surface)
- Measuring tape (for positioning)
- Pricking tool (to remove air bubbles)
- Pen (for marking)
- Squeegee (to press on the film and squeegee out air, cut straight edges)
- Rivet brush (to press film into recesses)
- Carpet knife (to cut off overhanging edges)
- Heat gun (to heat the film in problematic areas)
- Surface thermometer / Infrared thermometer (to measure surface and room temperature)
- Soft roller

Temperature

The film is best applied at normal room temperature (approx. 16-25 degrees).

If the film gets too warm, the material becomes softer and more supple, but the adhesive also becomes more intense and may adhere too strongly, so that repositioning is no longer easily possible. If the temperature is too low, the film becomes stiffer and the adhesive weaker.

Tips for bonding

- Wash hands before rolling out and before bonding - grease and dirt reduce adhesion
- Unroll the material and lay flat for approx. 1 hour so that it loses its tension and takes on room temperature.

Wall mounting

- Clean the wall (see above)
- Stick the individual foil strips to the wall with masking tape to position the decor exactly.
- First, peel off only a few centimetres of the liner (cover film) from the foil and position it, squeegeeing it down with straight (not curved) movements.
- Then pull a larger piece (approx. 30 centimetres) of the cover film away from the bottom, squeegee it in place from top to bottom with overlapping movements..
- After gluing: Press all edges again to ensure good adhesion.
- Do not use transfer fluid!
- If the substrate is not ideally suited for bonding, then always work with an overlap of 2-5 mm and clean the edges beforehand with an alcohol-based degreaser.
- Work with more pressure on the edges.
- For sockets etc., first mask them with a crepe strip to protect them from scratches, then roughly cut off the film with an overlap of approx. 2 cm. Cut the rest exactly along the squeegee with a cutter and finally press it under the socket.

Basically: Always use film from one roll and batch to guarantee a uniform image.

Cleaning

To clean the Wallfilm foil, please use a soft, damp cloth. If necessary, a drop of washing-up liquid can be applied. Sponges and other cleaning agents must not be used.

Disassembly

The New Deco Wallfilm is equipped with a removable adhesive. The adhesive property remains in its original form for approx. 1 year. After this time, the adhesive hardens and can no longer be removed without residue. Residues and damage to the substrate may occur.

Therefore, peel off the film as slowly as possible, do not make any jerky movements.

In exceptional cases, the adhesion between the paint and the film may be stronger than between the film and the wall, in which case small areas may possibly detach from the wall as well. Especially if a sheetrock wall (gypsum board) in the damp area (windows, cooling pipes, etc.) were pasted and these became damp.

Tipps

- Starting at the top end, peel off the film at an angle of 120-180 degrees (slightly slanting downwards)
- Do not use chemicals (solvents)
- The film can be heated with a hot air blower for removal, except for plasterboard
- If the surface looks stained after peeling, it is usually due to poor quality paint, exposure to heat and light, migration of substances in the paint and adhesive residues.

Product name: New Deco Wallfilm

Film

Material PVC
Film thickness 150 micron
Film weight 220-240 g per m2

Opacity 99%.
Form stability machine direction. Less than or equal to 0.1 mm
Cross direction less than or equal to 0.05mm
Further processing: plottable

Adhesive

Material Acrylic Adhesive / Color Transparent
Adhesive thickness 25-30 micron

Carrier foil

Material double-sided coated PE
Material thickness 170 micron
Installation temperature 15-25 C°
Application temperature -17 degrees Celsius - + 82 degrees Celsius
Shelf life 1 year
Storage temperature / relative humidity 21 C°/ 50%

Residue-free removability up to one year



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