



Interior Design Film

INSTALLATION INSTRUCTIONS & PRODUCT DATA SHEET

PRODUCT DATA SHEET New Deco Interiour Design Film

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Highlights

- Self-adhesive (B1 fire protection certified)
- versatile usable
- repeat at approx. 1,0 - 1,5 m
- Available as roll, cut to size or by the meter
- Decor continuous across webs
- Suitable for walls and furniture

Application

Possible substrates

- Paint coat with glossy paint (optimal)
- Paint coat with matt paint (conditionally possible, Aqua Primer recommended)
- Composite panels
- Rigips
- rigid foam boards
- Glass
- Wood (not natural wood)
- stone
- melamine surfaces

Unsuitable substrates

- Sandy 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
- chalky, 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 optimal

Instalation:

- Unroll the film, leave for 1 hour
- Clean substrate and especially edges with degreaser
- Fix foil with masking tape and align foil
- Pull off cover foil from decorative foil piece by piece
- Rework edges with a lot of pressure & anneal

Remove the foil:

- Peel off slowly at 120-180 degree angle
- Use hot air dryer (except for sheetrock)

Shelf life:

10 years shelf life (excluding delamination, cracking in the material).

New Deco Interior Design Film

A versatile PVC film with min 200 mic. thickness. The base of New Deco is characterized by a strong adhesive, which allows to glue a wide range of substrates. Most of the decors of the series can be processed in 3D.

Currently, about 200 decors are offered in the categories of wood, stone, leather, marble, textile, metal, glitter and plain.

Application

Unlike conventional films, New Deco Interior Design Film can be applied to a wide range of surfaces, such as painted walls, plaster walls, glass, metal, plastic and wood, etc. The textured adhesive facilitates installation.

Choice of the substrate

Please follow all instructions for proper application so that the product behaves according to 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 behavior of the film will vary.

Testing the substrate

Damage to the surface, such as poorly adhering paint, dents, cracks, or an uneven finish, must be repaired and restored to like-new condition without fail.



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

Inks containing 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

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



Repair of the substrate

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 the case especially in areas of water pipes, skylights, refrigerators, freezers etc.

- Poorly adhering wallpaper (generally adhere to wallpaper with Aqua Primer and overlap).
Loose, chipped, peeling 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 have damaged the wall when gluing the film.
- Loose joint fillings between plasterboard must be repaired
- Excessive grain of the paint: the surface may be smoothed with sandpaper or a steel sponge. Then prime and paint the wall.
- Adhesive residues etc.

Tiles paste over

Newdeco Interior Design Film, fits well, even with slight curvatures as is often the case with tiles. To paste over tiles, Interior Design Film is recommended in the appropriate cut. The joints remain free. According to current knowledge, additional sealing is not required.

Application on furniture

New Deco Interior Design films are suitable for both 2D and 3D application. This is ensured by a strong adhesive which works even on difficult surfaces.

Underground - furniture

It is possible to apply the Interior Design film 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. A heat gun helps to adjust the film in detail. Excessive overstretching may cause white breakage.



Bathroom

The New Deco can also be used in wet areas. application. You can stick the film both on the wall wall, as well as on existing tiles. The foil is available both in standard tile sizes, as well as in individual sizes. The joints remain free. Sealing sealing is not necessary according to necessary.



Cleaning the substrate

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

- With sheetrock, it is usually enough 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 (hardware).
- Clean cast concrete or precast concrete walls vigorously with a brush by hand or a pressure washer and detergent and rinse with clean water, then dry with a lint-free cloth; wipe again after drying.

Plasterboard (Rigips)

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

Tips for bonding

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

on the wall mounting

- Clean the wall
- First stick the individual foil strips to the wall with masking tape in order to position the decor exactly position
- First pull off only a few centimeters of the liner (cover foil) from the foil and position it, squeegee it with straight (not curved) movements
- Then pull off a larger piece (approx. 30) centimeters of the cover foil from below, squeegee it in place from top to bottom with overlapping movements.
After gluing: Press all edges again to ensure good adhesion.
- Do not use bonding fluid!
- If the substrate is not ideally suited for bonding, then always work with Aqua Primer and clean the edges beforehand with an alcohol-based degreaser.
- Work with more pressure on the edges
- For sockets etc., first mask 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, finally press it under the socket.

As a general rule, always use film from one roll and batch to guarantee a uniform image



PRODUCT FEATURES

FREE FROM POLLUTANTS

Specially designed for indoor use.
The film does not contain any ingredients that are harmful to health.

CO² EMISSION TESTED

Within the scope of the Carbon Footprint, all emissions from producing activities to the finished End product - direct & indirect - determined and recorded.

BIOLOGICAL SEAL

The plant-based raw material releases deodorization when exposed to light (FIR), reducing volatile organic compounds (VOCs) and other substances.



ANTIBACTERIAL SURFACE

Special raw materials in the film reduce the emergence and spread of bacteria, germs and fungi.

SAFETY

Flame retardant and fire resistant properties of the film ensure a safe environment (certified according to industrial standard).

APPLICATION

The high quality of this film series makes it suitable for many indoor applications. High adhesive strength ensures reliable adhesion to a variety of surfaces. Choose the material for your project from over 200 decors. The robust surface and the formability of the film allow you even complex applications.

Dirt resistant up to 48 h

5% Ethanol	Wine vinegar	Coffee	10% hydrochloric acid	Cola	Soy sauce

HEAVY METALS

Pb: 5.0mg/kg
Cd: 0.5mg/kg
HG: 2.0MG/KG
CRVI: 1.0MG/KG

FORMALDEHYD

0.12mg/m²h

SOFTMAKER

(Phthalate) less than 0,1%

FIRE PROPERTIES TESTED FOR:

Burning distance under 20 cm
No burning dripping
Burn time under 3 seconds
Smoke density 200Ds
Info on fire behavior ISO 9239-1

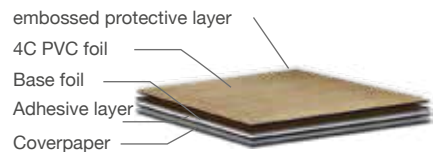
FEATURES

- Polymer calendered vinyl film/ Acrylic adhesive
- Material thickness: 200 to 350 µm
- Width from roll: 1220 mm
- Tear strength:
 - Length: 5,1 kgf / cm
 - Length: 6,9 kgf / cm
 - Stretchable: up to 220%
- Very resistant to abrasion, Acid (ethanol, salt), stains, dirt, dust ...) except Xylene
- Expansion after 48 hours at 65 °C:
- Width: 0,9%
- Length: 0,6 %
- Traction: Width 262 kg/cm Length 230 kg/cm
- Adhesive: Acrylic adhesive, self-adhesive and insensitive to moisture.



NOTES

The films must be applied on a clean, smooth, rigid and non-porous surface (e.g. glass, metal, plastic, etc.). Our films are applied dry. The installation should be done with a suitable squeegee. The film can be applied with suitable devices (e.g. hot air gun) by heat and removed once.



Adhesive strength

20 minutes after installation: 1.04 kg / cm
24 hours after installation: 1.43 kg / cm
3 days after installation: 1.51 kg / cm
7 days after installation: 1.65 kg / cm

Adhesion at high temperature (70°C)

during the first day: 1,37 kg / cm
during 7 days: 1,03 kg / cm

Processing temperature:

The ideal temperature is between 20 °C and 25 °C (Min.: 12 °C ; Max.: 35 °C)

*The mentioned product properties exclude the category glitter.