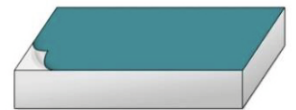


# **TECOSMART**

## Characteristics

TECOSMART is a PVC-free, self-adhesive foil with a paper-based decorative surface. The big advantage is that it creates a high-tech look with little effort.



## Types

Various designs: solid colour, fantasy, and wood grain.

## Properties



tangible  
surface



Bubble  
free



Removable



Eco  
friendly



Furniture  
standard



Paper  
based



Shrink-proof

TECOSMART incorporates air channel technology: excess air can escape during the application. This guarantees bubble-free surface results. Moreover, TECOSMART is repositionable and so it can be applied and removed repeatedly.

## Applications

TECOSMART was especially developed for furniture making and is intended for indoor use. Areas of application are, for example:

- Prototypes and fair stand construction
- Public interiors
- Repairs
- Upcycling, give treasured furniture a new look

## Substrates

Melamine-coated plywood and MDF boards. Non-absorbent surfaces made of glass, plastic, and metal. All surfaces must be smooth, even, inflexible, clean, and glueable. Coated surfaces labelled as Nano, anti-stick or non-adhesive are not suited.

## TECHNICAL DATA SHEET

### Processing

To ensure the correct processing temperature, TECOSMART and workpiece should acclimatize under room temperature (20 +/- 5%, rel. humidity approx. 60%) for 24 hours before application. To do this, remove the required amount of TECOSMART from the packing and roll out flat.

Before applying, the surface where the foil will be applied should be free of any dust or oils. To do this, clean the surface with a suitable surface cleaner (e.g. Smart-Cleaner). Afterwards dry the surface with a lint- free cleaning cloth.

Cut TECOSMART to size allowing for a sufficient amount of overlap. For larger workpieces, it is recommended to remove the protective backing in sections and to work in pairs. Remove approx. 10 cm of the backing on the narrower side of the cut foil. Position the exposed adhesive layer onto the edge of the workpiece and from the middle, press onto the surface using an elastic smoothing trowel (smoothing spatula). While doing this, smoothen away any bubbles. Remove the next section of backing evenly and beginning from the middle towards the outer edge, lay TECOSMART section for section and smoothen with a trowel.

For a smooth TECOSMART surface, a plastic smoothing trowel is suitable. For structured TECOSMART surfaces, we recommend using a gentler felt trowel.

After applying, press TECOSMART firmly onto the surface, e.g. with a rubber roller.

Remove overhanging material by using a box cutter. Due to risk of injury, overhanging material is to be completely removed.

For professional processing, we recommend applying TECOSMART by means of cutting plotters and laminators.

While processing TECOSMART, health risks may occur through sharp edges and tools. Fumes may be emitted while applying Smart-Cleaner. Therefore, we recommend wearing gloves and safety goggles while using Smart-Cleaner and ventilating well. Keep children out of work area.

When installing workpieces covered in TECOSMART, ensure sufficient dimensional stability in the workpiece. Cupping, buckling or bending can have a negative influence on the adhesive properties and lead to unintended detachment of the foil.

When necessary, TECOSMART can be removed repeatedly. Depending on the span of elapsed time and substrate, TECOSMART can be removed without leaving any residues.

### Chemical resistance

Depending on the lacquered finish, TECOSMART is chemically resistant as defined in German DIN 68861, Part 1D to 1B.

### Fastness to light

At least 6 on the international wool scale, acc. German DIN EN ISO 105-B02

## TECHNICAL DATA SHEET

### Available formats

62 cm x 2,3 m

62 cm x 25 m

125 cm x 25 m

### Packaging

25 and 50 m length: Hanging in box in PE foil, bags Ø: 76mm

2.3 m length: Blister cartons, bags Ø: 41mm

### Storage

Cool and dry in original packaging (approx. 20 °C, 55-65 % rel. air humidity) 12 months.

### Disposal

TECOSMART is a high quality PVC-free multi-layered decorative foil. Back protective foils and scrap TECOSMART foils are to be disposed of as normal household waste.

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