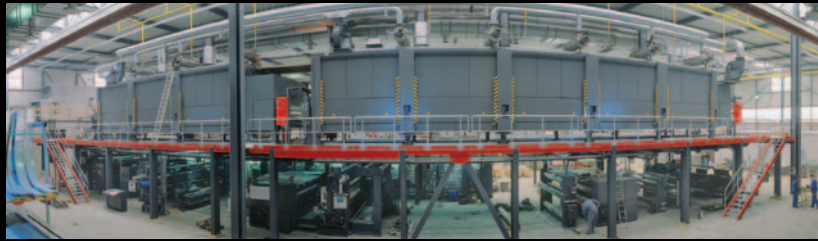




**D.Fin<sup>®</sup>**

FINISH FOILS

**SÜDDEKOR**



# D.Fin<sup>®</sup>

## quality finish foil from SÜDDEKOR.

**D.Fin<sup>®</sup> REPRESENTS FINISH FOILS WITH HIGH-QUALITY FEATURES AND IS AVAILABLE IN A RANGE OF SURFACES.**

D.Fin<sup>®</sup> foils consist of printed and coated special papers for the surface finishing of wood-based materials. The surface coating is hardened either by the acid-hardening (AH) process or by electron beam curing (EBC). Sustainable printing inks and lacquers are used in production. The colour fastness of the foils to light is  $\geq 6$  according to the international DIN EN ISO 105-B02 wool scale.

► **APPLICATIONS.**

D.Fin<sup>®</sup> is used in the furniture and laminate flooring industries, especially for living rooms and bedrooms, for wall and ceiling panels in interior decoration, in caravan construction and many more applications.

► **BASE MATERIALS.**

The standard base materials are chipboard, MDF board, HDF board and plywood.

► **SURFACE VARIANTS AND QUALITIES.**

D.Fin<sup>®</sup> is available in a wide range of surface qualities and with an extensive spectrum of features. The choice of the right surface is very much based on the specific requirements of the customer. Our sales and technical teams can provide expert advice when it comes to choosing the foil which is best suited to your particular application.

► **PROCESSING.**

Processing of D.Fin<sup>®</sup> takes place using condensation adhesives, PVAc-glue and hot-melts on thermal and cold laminating equipment (roller presses) as well as on flat presses and wrapping machinery.

► **SUPPLY FORMAT.**

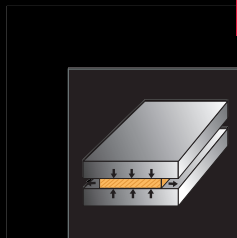
D.Fin<sup>®</sup> is supplied in rolls, with running metres per roll and widths to customer specification.

► **PACKING.**

D.Fin<sup>®</sup> is packed laterally on pallets with edge protection and ethylene film wrapping. Customer packing specifications can be taken into consideration.

► **SHELF LIFE.**

If stored in the original packaging at approx. 20°C and approx. 50% relative humidity D.Fin<sup>®</sup>, can, depending on type, be processed 3 to 6 months after the date of production.

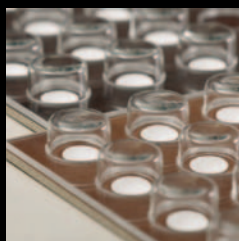
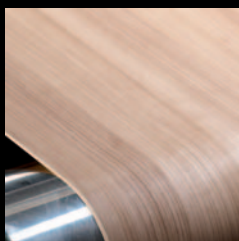


Flat press



Roller press





**ALL GOOD THINGS  
COME IN PAIRS.**

## Lacquer systems.

D.Fin® by Süddekor is available in two different types of lacquer finish. On the one hand we can offer you cost-efficient, acid-hardened lacquers for a surface finish with a gloss spectrum of 6°-60° in accordance with DIN 67530. These types of foil are available in widths from 1250 to 2700 mm and can of course also be supplied in IKEA R4 and R2 quality on request. Our finish foil with the tried-and-tested acid-hardening technology is also available in a version which can be given a recoating.

On the other hand we can also offer you a lacquer finish with electron beam curing. These foils are entirely free from formaldehyde (below the detection limit) and as a result they support you in any required „Blauer Engel“ certification of your final product. In addition it is possible to represent a gloss spectrum of up to 70° and to pigment the surface coating of uni décors in such a way that even more brilliant colours can be achieved for the entire RAL spectrum. In the case of electron beam cured foils with nano particles you also benefit from increased abrasion resistance and the „anti-fingerprint effect“. All our electron beam cured foils are available in widths of up to 2200 mm.

**D.Fin® Basic:**  
**THE CLASSIC WITH A VARIETY OF  
APPLICATIONS IN FURNITURE DESIGN.**

In the highly diverse design spectrum of the SÜDDEKOR collection this standard finish foil can be produced in single-colour or multi-coloured versions, with a range of basic paper gram weights and in the most varied individual types of gloss finish. In D.Fin® Basic the top coat is implemented either by means of the economical acid-hardening process or by more sophisticated electron beam curing. Acid-hardened foils are also available in a version which can be given a paint finish.

**D.Fin® Structure:**  
**STRUCTURES WITH A  
REALISTIC LOOK AND FEEL.**

D.Fin® Structure offers a variety of options for three-dimensional surface design. In addition to structures not related to decors such as stipple finish, which are especially suited to the design of uniform surfaces, other wide-ranging possibilities for decor-specific structuring are also available – from chemical realpore via printed structure across to mechanically embossed structures. The result not only looks great but is also entirely realistic to the touch.

**D.Fin® Floor:**  
**GO BAREFOOT – FOIL SOLUTIONS  
FOR FLOORING.**

In addition to the familiar SÜDDEKOR design variety, our foil products for laminate flooring offer a range of individual and beneficial features compared to melamine paper coatings. Depending on customer requirements D.Fin® Floor can be supplied in a painted, fully-impregnated version as D.Fin® Basicfloor or with a nano lacquer coating as D.Fin® Nanofloor.

**D.Fin® Extra:**  
**SPECIAL SOLUTIONS  
FOR THAT  
CERTAIN SOMETHING.**

D.Fin® Extra means special, technically sophisticated foil products for manufacturers who wish to offer their customers that little extra. In addition to high-gloss or nano lacquer coating you will find products here which provide you with advantages in the production process. For example, D.Fin® Duo features a foil which can be recoated, has a melamine backing and accordingly makes it unnecessary to apply an adhesive agent during coating.



	ACID HARDENING PRE-IMPREGNATE			ELECTRON BEAM CURING PRE-IMPREGNATE				
	STANDARD	R4 / R2	CAN BE RECOATED	STANDARD	R4 / R2	PIGMENTED	D.FIN®NANO	D.FIN® NANOFLOOR
ABRASION RESISTANCE	30 U	50 U	30 U	30 U	50 U	40 U	50 U	5000 U
SCRATCH RESISTANCE	1.0 N	1.0 N	1.1 N	1.0 N	1.0 N	1.0 N	1.25 N	2.0 N
RESISTANCE TO CHEMICALS	••	•••	•	••	•••	••	•••	•••
RESISTANCE TO WATER	•	•••	•	•	•••	••	•••	•••
RESISTANCE TO TESA TAPE	•	•	•	•	•	•	•	•••
RESISTANCE TO MIRROR TAPE	On request	On request	•••	On request	On request	On request	On request	•••
RESISTANCE TO WATER VAPOUR	•	••	•	•	••	••	••	•••
RESISTANCE TO DRY HEAT	••	••	•	••	••	••	•••	•••
RESISTANCE TO MOIST HEAT	•	••	•	•	••	••	••	•••
GLOSS LEVEL SPECTRUM	6 - 60	6 - 60	8 - 25	6 - 70	6 - 70	6 - 70	6 - 70	6-70
FORMALDEHYDE EMISSIONS FOIL	≤ 0.5	≤ 1.3	≤ 0.8	Below detection limit	Below detection limit	Below detection limit	Below detection limit	≤ 1.3
MAX. FOIL WIDTH MULTI COLOURED/ SINGLE COLOURED	<u>2200</u> 2700	<u>2200</u> 2700	<u>2200</u> 2700	2200	2200	2200	2200	2200
DOUBLE PAINT COATING		yes			yes		yes	yes
	D.Fin®Structure D.Fin®Basic	D.Fin®Basic	D.Fin®Basic D.Fin®Extra	D.Fin®Basic D.Fin®Structure D.Fin®Extra	D.Fin®Basic D.Fin®Structure D.Fin®Extra	D.Fin®Basic D.Fin®Structure D.Fin®Extra	D.Fin®Extra D.Fin®Structure	D.Fin®Floor D.Fin®Extra

• standard | •• good | ••• very good