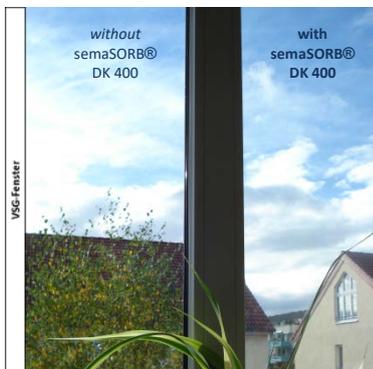


semaSORB[®] UVA sun protection film DK400

Transparent & self-adhesive with an UV blocker up to UV400nm

Product Description



Clear and transparent UVA solar control film that blocks all UV radiation including at 400nm. The sun protection film semaSORB DK400 has an acrylate-based adhesive layer on the reverse side. The foils are wet-glued. On single glazing, insulating glazing and Plastic glazing to be fitted on the inside or outside.

Since all UV radiation including 400nm is blocked (absorbed), it cannot penetrate into the rooms and heat them additionally. The heat is released to the outside environment by convection

At high UV input, the films appear light blue. Due to the UVA Blocker the sun protection film prevents yellowing of parquet floors, plastic surfaces and fading of furniture, carpets, wallpapers, documents, pictures, art objects.

+ Splinter retention function on the film side in case of glass breakage

Specifications, clear

Foil width (mm)	1260 ± 1
Adhesive width (mm)	1230 ± 5
Thickness with adhesive layer (µm)	110 ± 5
Density (g/cm³)	1.39 – 1.40
Basis weight (g/m²)	85
Break resistance (N/mm²)	190
Expansion at break (%)	145
Max. clouding (%)	0.5
Max. water vapour permeability (d-g/m²)	7
Surface tension (dyn/cm)	38-42
Transmission (%)	
at 380 nm	0
at 400 nm	≤ 5.0
within the visible range	≥ 85.0
UV shielding (%)	

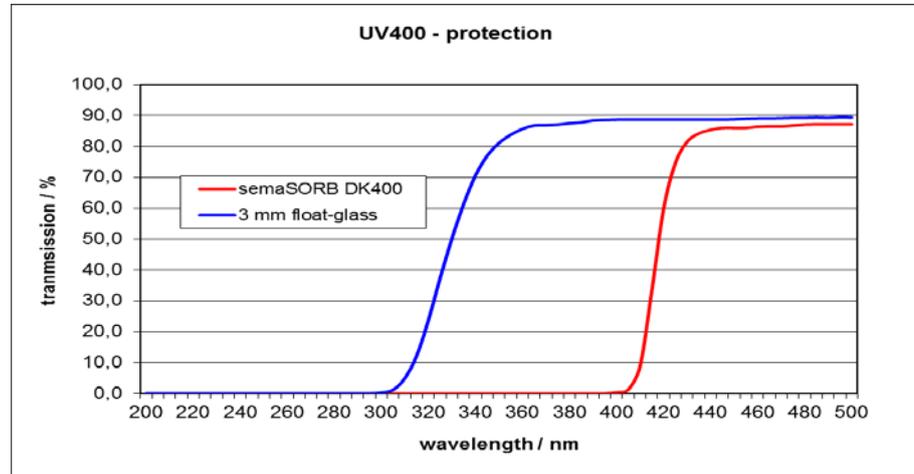
between 200-400 nm

≥ 99.5

Transmission edge at T=50% (nm)

415±5

Spectrum



Processing Instructions

semaSORB®DK400 films are installed wet. Please observe our application instructions. The foils are firmly adhering after approx. 8 days at 20°C.

Edge sealing of **semaSORB® DK400** films is only necessary if the films are permanently exposed to condensation, standing water or snow.

30 days after their application, **semaSORB®DK400** films can be cleaned using common window cleaners. Please only use soft sponges, cloths or felt cloths. Please observe our care instructions.

Never clean the surfaces dry.

The proper use and application of **semaSORB®DK400** films has not resulted in any adverse effects.

Our instructions are based on our current knowledge and experience. Due to the wide range of possible influences during the application and use of our products, the user is not released from independent tests regarding the product's suitability for the intended purpose. Applicable laws and provisions as well as possible property rights must be observed.

