

Sublibacklit

SubliStyle
range

Sublcoat
Sublcoat Backpainted
Sublclear
Sublibacklit
Sublilam

Sublibacklit is de beste oplossing wanneer full color afbeeldingen met een lichtbron aan de achterzijde van het glas verlicht moeten worden. Hierdoor wordt deze egaal verlicht en komt de afbeelding nog beter tot zijn recht.

Sublibacklit is een zelfklevende hoogwaardige backlit folie waarin full color inktten zijn aangebracht, deze folie wordt naderhand achter het glas aangebracht. De folie bestaat uit 2 UV blokkende lagen met daartussen een laag waarin de inktten zijn aangebracht, achter deze lagen zit een backlit laag.

Specificaties

Minimale glasdikte	4 mm
Maximale glasdikte	nvt (alle mogelijke glasdikten)
Minimale afmeting	nvt
Maximale lengte	3200 mm
Maximale breedte	1400 mm
Toepassingsgebied	Binnen
Toepassingen	Horeca sfeerelementen, reclame
Transparantie	Niet transparant, wel lichtdoorlatend
Beeldmateriaal	300 dpi - 1:1, 5 mm overlap

Type glas

Sublibacklit kan toegepast worden op extra helder glas of "gewoon" floatglas. Bij extra helder glas is het groen uit het glas gehaald, het glas is ijzer arm gemaakt. Hiervoor geldt een meerprijs t.o.v. floatglas. Uiteraard zijn er ook andere glas/beeld samenstellingen te produceren, zoals matglas. Al het glas wordt gehard volgens CE normering, indien gewenst kan hiervan een logo tijdens het harden van het glas worden meegebakken.

Bijlagen

- Testresultaten Kiwajet

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VOIR
DIJKEN
GLAS

List of Physical Property of "KIWAJET" Dye Sublimation Media

2007.5.28

Test Item	Test Condition	Backlit			Trans			Reflective	White		Blackthrough	Remarks		
		Glossy type	Matt type	-	Glossy type	Matt type	Matt type	Glossy type	Glossy type	Matt type	-			
		Back-adhesive (low adhesive)	Front-adhesive (low adhesive)	Back-adhesive (permanent adhesive)	Back-adhesive (permanent adhesive)	Non-adhesive	Back-adhesive (low adhesive)	Back-adhesive (low adhesive)	Back-adhesive (permanent adhesive)	Back-adhesive (permanent adhesive)				
Thickness (μ)	Film	180	150		150		220	160	150		105	Dial gauge		
	Adhesive	33	33		33		—	43	33		20			
Adhesive Strength (N/inch)	72 hours after application on substrate	Stainless Steel Panel	10±2			20±3			—	10±2	20±3	7±1	Pulling speed: 200mm/min Peeling angle: 180° Sample width: 25mm Condition after application on substrate: 20±2°C, 65±5%RH	
		Aluminium Panel	7±2			20±3			—	7±2	20±3	9±1		
		ABS Panel	9±2			11±2			—	9±2	11±2	7±1		
		Acrylic Panel	8±2			20±3			—	8±2	20±3	6±1		
		Polycarbonate Panel	9±2			17±2			—	9±2	17±2	6±1		
Dimensional Stability	Shrinkage when image transferred (%)	160°C × 7min	MD	below +0.7	below +0.7	below +0.7	below +0.7	below +0.7	below +0.7	below +0.7	below +0.7	below +0.7	Substrate: Aluminium Panel Sample size: 100 × 100mm	
			TD	below +0.2	below +0.2	below +0.2	below +0.2	below +0.2	below +0.2	below +0.2	below +0.2	below +0.2		
	Shrinkage When media image transferred applied on substrate (%)	80°C × 48hours	MD	0	0	0	0	0	0	0	0	0		
			TD	0	0	0	0	0	0	0	0	0		
Water Resistance	23°C × 168hours	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	Substrate: Aluminium Panel		
Chemical Resistance	Salt Water (5%)	168hours	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	Immersion method Observation of surface when each chemical 0.5cc dropped on and removed after 5 hours	
	0.1N HCl	5hours	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect		
	0.1N NH4OH	5hours	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect		
	Ethanol	5hours	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect		
	Kerosene	5hours	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect		
	Gasoline	5hours	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect		
	Engine Oil	5hours	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect	No effect		
Resistance to Accelerated Weathering	Sunshine 1000 hours	∠E	Cyan	below 10	below 10	below 10	below 10	below 10	below 10	below 15	below 10	below 10	Black panel: 63±3°C Water spray: 18min/120min Ink: KIWA sublimation ink	
			Yellow	below 5	below 5	below 5	below 5	below 5	below 5	below 5	below 5	below 5		
			Magenta	below 10	below 10	below 10	below 10	below 10	below 10	below 10	below 10	below 10		below 10
			Black	below 10	below 10	below 10	below 10	below 10	below 10	below 10	below 10	below 10		below 10
		Specular Gloss Retention (%)	over 90	over 90	over 90	over 90	over 90	over 90	over 90	over 90	over 90	over 90	over 90	JIS Z 8741 60° Specular Gloss
Resistance to Outdoor Exposure	Exposure to South at 45° 1 year	∠E	Cyan	below 10	below 10	below 10	below 10	below 10	below 10	below 10	below 10	below 10	North Latitude: 34° 13' 28" East Longitude: 135° 19' 18"	
			Yellow	below 5	below 5	below 5	below 5	below 5	below 5	below 5	below 5	below 5		
			Magenta	below 15	below 15	below 15	below 15	below 15	below 15	below 10	below 15	below 15		below 15
			Black	below 10	below 10	below 10	below 10	below 10	below 10	below 10	below 10	below 10		below 10
		Specular Gloss Retention (%)	over 90	over 90	over 90	over 90	over 90	over 90	over 90	over 90	over 90	over 90	over 90	JIS Z 8741 60° Specular Gloss
Pencil Hardness	JIS K 5400	2H	2H	2H	2H	2H	2H	2H	2H	2H	2H	Judged by torn coating		