

# Solar & Screen

Description

The CU 20 dB36 - Anti-high frequency film considerably reduces solar heat while retaining some of the natural light. It allows a good reduction of glare and brings to the building a colored and personalized touch. Finally, thanks to its pure copper alloy, it effectively protects high frequencies and attenuates up to almost 37 dB.

# CU 20 dB36

Safety Specialty - Anti High Frenquency

Certifications



REACH / RoHS
Compliant



Fire Resistance Rating



**ASTM D4935 (EMI)** 

EMI attenuation: 35.9 dB @ 2 GHz







Solar & Screen

Specialty - Anti High Frenquency

#### Characteristics



Warranty 4 years



**Fire Resistance Rating** 



Storage in recommended conditions 3 years



**REACH / RoHS** 





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EMI attenuation: 35.9 dB @ 2 GHz



Widths Available

152 cm



**Installation Type** Exterior



**Color From the Outside** 

Copper



Length 30.5 m



**Product Carbon Footprint (LCA)** 

1.26 kgCO2e/m<sup>2</sup>

### **Mechanical Properties**



Tensile strength at break

N/A



**Elongation at break** 

N/A

Optical and solar properties	Sinlge 3mm		Double Low-E	
Pane type	No film	With Film	No film	With Film
UV Rejection (%)	25	99	40	99
Visible Light Transmission (%)	91	20	82	18
Visible Light Reflection - External (%)	8	37	11	37
Visible Light Reflection - Internal (%)	8	37	12	37
Solar Energy Reflection (%)	5	39	12	40
Solar Energy Absorption (%)	8	46	28	50
Solar Energy Transmission (%)	87	15	60	11
Total Solar Energy Rejected (%)	12	78	35	86
Glare Reduction (%)	-	79	-	76
Shading Coefficient	-	0.31	-	0.22
g-value	0.88	0.27	0.65	0.14

# Construction

- 1 Scratch-resistant hard coating providing surface protection, durability, and ease of cleaning
- 2 High optical quality dyed polyester with an IR-blocking metallic particle coating
- 3 Bonding adhesive
- 4 High optical quality polyester
- 5 PS adhesive, polymerizes with glass within 15
- 6 Protection PET release liner, disposable after installation



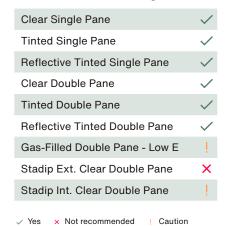
Composition



**Thickness** 75 µm

## Application advice<sup>01</sup>

Vertical situation and for a standard glazed surface



## Installation and Maintenance Advise

Use Slide On (600-FO2) or Film On (600-F0355) diluted at 2 cL/L of water for installation and cleaning. Do not clean for one month after installation or apply stickers/adhesives on the film.



Download the installation and maintenance advice

01 Advice based on glazed surface area up to  $2.5~\text{m}^2$ , please contact us for any confirmation or thermal

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