

Solarglas Klasse: **U2**
Solar Glass Class: **U2**

Handelsname : **EcoGuard Float 89 3.0 mm**
Trade name :

Oberflächenstruktur : **clear / clear**
Structure of surface :

Firma : **Guardian Czestochowa Sp. z o.o.**
Company :

Prüfnummer : **GUAP1007100SGZ**
Test number :

Gültigkeit : **08.2010 – 07.2013**
Validity :

Das Glas **EcoGuard Float 89 (clear / clear)** in der Dicke **3.0 mm** der Firma **Guardian Czestochowa Sp. z o.o., ul. Korfantego 31/35, PL 42-200 Czestochowa, Poland** hat das SPF-Verfahren „Zertifizierung von Solarglas“ Version 2.1 durchlaufen und wurde als Solarglas (Solarthermie) zertifiziert und der Klasse **U2** zugeordnet. Dem Glas wurde das Qualitätslabel **SPF10•154-U2** verliehen.

*The glass **EcoGuard Float 89 (clear / clear)** of 3.0 mm thickness from the company **Guardian Czestochowa Sp. z o.o., ul. Korfantego 31/35, PL 42-200 Czestochowa, Poland** has passed the SPF-procedure “Certification of Solar Glass” version 2.1 and was certified as solar glass (solar thermal) and assigned to class **U2**. This glass has been awarded the quality label **SPF10•154-U2**.*

Rapperswil, 23.8.2010

Felix Flückiger
SPF Testing

Cert. Nr.: **GUAP1007100SGZ**

Company	Guardian Czestochowa Sp. z o.o. ul. Korfantego 31/35 PL 42-200 Czestochowa Poland		
Product	EcoGuard Float 89 3.0 mm clear / clear None 14.07.2010	trade name / thickness structure of surfaces treatment (anti-reflex; anti-soiling) date of delivery	
Test	SPF Certification Solar glass (Vers. 2.1)		
Validity	08.2010 – 07.2013		
Result	Solar Glass of class U2	Label	SPF10•154-U2

Transmission Factor $F_{\tau} = 0.889$

Source: **Institution** SPF-HSR, CH-8640 Rapperswil
Report Test Report Transmittance Nr. GUAP1007100L
Date 20.7.2010

IAM Weighting Factor $F_{IAM} = 0.994$

Source: **Institution** SPF-HSR, CH-8640 Rapperswil
Report Test Report Incidence Angle Modifier Nr.
GUAP1007100t
Date 20.7.2010

Photodegradation Factor $F_{UV} = 1.001$

Source: **Institution** SPF-HSR, CH-8640 Rapperswil
Report Test Report Transmittance Nr. GUAP1007100L &
Test Report Transmittance Nr. GUAP1007101L
Date 2.8.2010

Degradation Factor $F_{DEG} = 1.000$

Source: **Institution** -
Report -
Date -

Glass efficiency value $\eta_{GI} = 0.885$

Rapperswil, 23.8.2010

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