

Solarglas
Solar GlassKlasse:
Class:**U3**
U3Handelsname :
Trade name : **EcoGuard ExtraClear + 3 mm**Anbieter :
Distributor : **Guardian Czestochowa
Sp. z o.o.**Prüfnummer :
Test number : **GUAP0703000SGZ**Gültigkeit :
Validity : **06.2007 – 05.2010**

Das Glas **EcoGuard ExtraClear +** in der Dicke **3 mm** im Vertrieb durch die **Guardian Czestochowa Sp. z o.o., ul. Korfantego 31/35, PL 42-200 Czestochowa**, hat das SPF-Verfahren „Zertifizierung von Solarglas“ Version 2.1 durchlaufen und wurde als Solarglas (Solarthermie) zertifiziert und der Klasse U3 zugeordnet. Dem Glas wurde das Qualitätslabel **SPF07•31-U3** verliehen.

*The glass **EcoGuard ExtraClear +** of **3 mm** thickness sold by **Guardian Czestochowa Sp. z o.o., ul. Korfantego 31/35, PL 42-200 Czestochowa**, has passed the SPF-procedure "Certification of Solar Glass" version 2.1 and was certified as solar glass (solar thermal) and assigned to class U3. This glass has been awarded the quality label **SPF07•31-U3**.*

Rapperswil, 14.5.2007

Dr. Andreas Bohren
Leiter SPF Testing
Head of SPF Testing

Cert. Nr.: **GUAP0703000SGZ**

Commissioner Guardian Czestochowa Sp. z o.o.
ul. Korfantego 31/35
PL 42-200 Czestochowa

Product	EcoGuard ExtraClear + 3mm	trade name / thickness
	None	treatment (anti-reflex; anti-soiling)
	29.3.2007	date of delivery
Test	SPF Certification Solarglass (Vers. 2.1)	
Validity	06.2007 – 05.2010	
Result	Solar Glass of class U3	Label SPF07•31-U3

Transmission Factor	$F_{\tau} = 0.890$
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Source:	Institution	SPF-HSR, CH-8640 Rapperswil
	Report	Test Report Transmittance Nr. GUAP0703000L
	Date	29.3.2007

IAM Weighting Factor	$F_{IAM} = 0.990$
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Source:	Institution	SPF-HSR, CH-8640 Rapperswil
	Report	Test Report Incidence Angle Modifier Nr. GUAP0703000t
	Date	5.4.2007

Photodegradation Factor	$F_{UV} = 1.000$
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Source:	Institution	SPF-HSR, CH-8640 Rapperswil
	Report	Test Report Transmittance Nr. GUAP0703000L & Test Report Transmittance Nr. GUAP0703001L
	Date	23.4.2007

Degradation Factor	$F_{DEG} = 1.000$
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Source:	Institution	-
	Report	-
	Date	-

Glass efficiency value	$\eta_{GI} = 0.881$
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Rapperswil, 14.5.2007

Dr. Andreas Bohren
Leiter SPF Testing / Head of SPF Testing

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