



Declaration of performance

GFP / SHI / 03-01052020

1. Unique identifier code of the product type: **Schilliger Grossformatplatte GFP / crosslam according to ETA-19/0675**
2. Purpose: **Buildings and bridges**
3. Manufacturer: **Schilliger Holz-Industrie AG
Haltikon 33
6403 Küssnacht am Rigi
Switzerland**
4. Authorised representative: **No external authorised representative**
5. System for assessment and verification of the constancy of performance: **System 1**
- 6.a) Harmonised standard: **ETA-19/0675 from 31.03.2020**
Notified body: **No. 1359**
7. Declared performance:

Essential characteristics	Performance
Mechanical properties as	
Modulus of elasticity bending strength compressive strength tensile strength shear strength	The mechanical properties are given directly in the ETA-19/0675 annex 2 and have to be applied to the calculation method as displayed in the ETA-19/0675 annex 3. Structure: at least 3 layers, 90° running turn. Board layers which are orientated parallel to each other are allowed (provided the number of parallel board layers does not exceed 3 and the accumulated thickness of parallel board layers does not exceed 90mm).
Geometrical data	Maximum product dimensions (l x w x h): 14.000 x 3.400 x 500mm The respective product dimensions can be taken from the accompanying paperwork.
Bonding strength as	
Bending strength of finger joints	According to EN 408; requirements according to EN 16351:2015
Bonding strength of bonds between laminates	Requirements, testing and evaluation according to EN 16351:2015
Durability of bonding strength as	
Wood species, Adhesive	Spruce (Picea abies), fir (Abies alba) Adhesive for finger joints: 1-K-PUR, Type I according to EN 15425 (PUR, EN 15425 I 90 GP 0.3w) Adhesive for bonds between laminations: 1-K-PUR, Type I according to EN 15425 (PUR, EN 15425 I 90 GP 0.3w)



Durability of other characteristics (i.e. resistance against biological attack) as	
Durability against timber-destroying fungi according to EN 350-2	5
Service classes:	Service classes 1 and 2 in accordance with Eurocode 5
Resistance to fire as	
Geometrical data	See „Geometrical data“
Burn rate as	
<ul style="list-style-type: none"> • Characteristic density • Wood species 	Characteristic density in accordance to the strength classes in ETA-19/0675 Spruce (<i>Picea abies</i>), fir (<i>Abies alba</i>)
Reaction to fire as	
Reaction to fire class	D-s2, d0
Emission of formaldehyde as	
Formaldehyde emission class	E1 (<i>1-K-PUR; adhesive free of formaldehyde</i>)
Release of other dangerous substances	
Release of other dangerous substances	No performance declared (NPD)

The performance of the above product fulfils the declared performance. The abovementioned manufacturer has the sole responsibility for the preparation of the declaration of performance in accordance with the regulation (EU) No. 305/2011.

Signed for and on behalf of the manufacturer by:

Ernest Schilliger, member of the management

Küssnacht am Rigi, 01.05.2020