

**Declaration of Performance (DoP) in acc. with**

**Construction Products (Amendment etc.) (EU Exit) Regulations 2019 (No. 465)  
Construction Products (Amendment etc.) (EU Exit) Regulations 2020 (No. 1359)**

**No. ILGS355M-UKCA-10025-01112022**

---

1. Unique identification code of the product Type:

**Plate S355M / 1.8823 in accordance with EN 10025-4**

2. Intended use(s):

**Metallic structure, metallic- / concrete composite construction**

3. Name, registered trade name or registered trademark and contact address of the manufacturer:

**Ilseburger Grobblech GmbH  
Veckenstedter Weg 10  
38871 Ilseburg, Germany  
Tel.: +49 (0) 39452 85 - 0  
Fax: +49 (0) 39452 85 - 8161  
[www.ilseburger-grobblech.de](http://www.ilseburger-grobblech.de)**

4. Name and contact address of the authorised representative whose mandate covers the tasks:

**- not applicable -**

5. System or systems of assessment and verification of constancy of performance of the construction product:

**System 2+**

6. Declaration of performance concerning a construction product covered by a harmonised standard:

**Approved Body - TÜV UK Ltd (No. UKAB 0879) - performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control in accordance with annex ZA of EN 10025-1:2004.**



7. Declared Performance:

Essential characteristic	Performance						Harmonised technical specification
Tolerances on dimensions and shape	see supplementary sheet 1						EN 10025-1:2004
Yield strength	Nominal thickness (mm)		Values (MPa)				
	>	≤	≥				
		16	355				
	16	40	345				
	40	63	335				
	63	80	325				
	80	100	325				
100	150	320					
Tensile strength	Nominal thickness (mm)		Values (MPa)				
	>	≤	≥		≤		
		40	470		630		
	40	63	450		610		
	63	80	440		600		
	80	100	440		600		
100	150	430		590			
Elongation	Nominal thickness (mm)		Values (%)				
	>	≤	≥				
		150	22				
Impact energy	Nominal thickness (mm)		Values (J) Temp. (°C)				
			+20	0	-10	-20	
		≤	≥				
		150	55	47	43	40	
Weldability	Nominal thickness (mm)		CEV (%)				
	>	≤			≤		
		16			0,39		
	16	40			0,39		
	40	63			0,40		
63	150			0,45			



Essential characteristic	Performance					Harmonised technical specification	
Durability	Nominal thickness (mm)		Ladle analysis (%)			EN 10025-1:2004	
		≤		≥	≤		
		150	C		0,14		
			Si		0,50		
			Mn		1,60		
			P		0,025		
			S		0,025		
			Nb		0,05		
			V		0,10		
			Al ges.	0,02			
			Ti		0,05		
			Cr		0,30		
			Ni		0,50		
			Mo		0,10		
	Cu			0,55			
	N		0,015				

The performance of the product named above is in conformity with the declared performances.  
This declaration of performance is issued under the sole responsibility of the above-mentioned manufacturer.

Signed for and on behalf of the manufacturer by:

Ilseburg, 01.11.2022

**Dipl.-Ing. Andreas Rost**  
Head of Order Management and Technical Service