

DECLARATION OF PERFORMANCE No. 1405

1. Trademark

Halle Lux

2. Type

Light transmitting profiled sheet manufactured from GRP to a laydown weight of minimum 1,6 kg / m² and nominal thickness of 1mm. All as defined according to SS-EN 1013:2012 for discontinuously laid internal roof, wall and ceiling for building. Performance includes all Halle Plast AB profiles with above mentioned thickness.

3. Intended use of the construction product

Light transmitting single profiled GRP plastic sheet for use as roof light and wall-light translucent.

4. Manufacture

Product name: Halle Lux
 Company: Halle System AB
 Address: Profilgatan 1
 312 34 Laholm Sweden
 Telephone: +46 430 12280
 Email: kundtjanst@halle.se
 Website: www.hallelux.se

5. Assessment and verification of constancy of performance

System 4

6. Notified Body and tasks

The research institute SP Technical Research Institute of Sweden is the "notified Body", and has executed fire tests of the product Halle Lux produced by Halle Plast AB.

7. Declared performance

Essential characteristic	Declared performance	Harmonized Standard
Visual appearance	No defects as resin ribs, glass folds or glass knots exceed more than 5 mm. in diameter.	SS-EN 1013:2012
Dimension tolerances	Pass	
-Sheet length	+20 /- 5 mm	
-Sheet thickness	No vary by more than 10 % from declared mean value.	
-Weight/m ²	No vary by more than 10 % from declared mean value.	
-Cover width	Within +/- 0.8 % of declared nominal cover width.	
-Shape of the sheet profile	Maximum tolerance (deviation) at any point of 4 mm.	
-Sheet straightness	Less than or equal to 2,0 mm/m	
-Squareness of a sheet	Less than or equal to 2,0 mm/m	
Light transmission	Class B2* Approx. 80 % at delivery date	
External fire performance	Class: B roof (t2) acc. EN 13501-5 Class: B roof (t1) acc. EN 13501-5	
Reaction to fire	Class: E acc. EN 13501-1	
Impact resistance		
- Small hard body	Pass	
- Large soft body	NPD	
Water vapour permeability	NPD	
Water / air permeability	NPD	

*For more information see "Halle Lux technical information" at www.halleindustri.se

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacture identified in point 4.

Signed for and behalf of the manufacture by:

Henrik Bennarp

CEO

Halle System AB, 1 st of October 2021

