

## Certificat de Qualité

Hawa Sliding Solutions AG atteste que les ferrures de coulisse de la ligne de produit **Hawa Puro 150** correspondent aux exigences selon **EN 1527**.

### Indications de vérification

Classification:	EN 1527 : 1998	
Poids de la porte:	150 kg	
Durabilité:	100'000 cycles	
Test de surcharge:	DIN 68859 : 2004 - Niveau 3	
Test fonctionnel:	DIN 68859 : 2004 - Niveau 3	

### Indications supplémentaires

Facilité de montage:	Exigences remplies
L'institut d'essai:	Laboratoire, TÜV Rheinland LGA Products GmbH, Nürnberg, Allemagne, rapport n° 1479
Assurance de la qualité:	Surveillance interne et externe selon SN EN ISO 9001 : 2015

Mettmenstetten, 1 janvier 2021



**Ezequiel Di Claudio**  
Chief Executive Officer (CEO)



**Peter Möller**  
Chief Executive Officer (CEO)



LGA QualiTest GmbH

# Quality Certificate



The LGA QualiTest GmbH

confirms herewith that the company

**Hawa AG**

**8932 Mettmenstetten / SCHWEIZ**

has their product

## Sliding door fitting

**HAWA- Puro 100 (for doors weighting max. 100 kg)**

**HAWA-Puro 150 (for doors weighting max. 150 kg)**

tested/inspected and permanently supervised within the scope of a surveillance agreement.

Quality requirements		Standards	Details								
classification	HAWA-Puro 100	DIN EN 1527 : 1998	-	6	2	0	-	0	-	1	3
(see appendix)	HAWA-Puro 150		-	6	3	0	-	0	-	1	3
durability		DIN EN 1527 : 1998	100.000 cycles								
slam shut/open functional test		DIN 68859 : 2004	Requirements met								
slam shut/open overload test		DIN 68859 : 2004	Requirements met								
Quality assurance		ISO DIN 9001 : 2000	Third party monitoring and self monitoring								

Nuremberg, 16.06.2008  
translated 01.07.2008  
modified, 14.07.2008  
and 30.12.2009

Quality Certificate no. **1479**  
LGA-Test Report no. 938 1478

*C. Sieber*  
C. Sieber  
Certification Body



*R. Heym*  
Dipl.-Ing.(FH) R. Heym  
Head of the Furniture Testing Institute

## Classification acc. DIN EN 1527 : 1998

### Category of use (1<sup>st</sup> digit):

No grade identified for these products

### Durability (2<sup>nd</sup> digit):

grade 1 = 2500 cycles  
 grade 2 = 5000 cycles  
 grade 3 = 10000 cycles  
 grade 4 = 25000 cycles  
 grade 5 = 50000 cycles  
 grade 6 = 100000 cycles

### Door mass (3<sup>rd</sup> digit):

grade 1 = door up to 50 kg  
 grade 2 = door from 51 to 100 kg  
 grade 3 = door from 101 to 330 kg  
 grade 4 = door over 330 kg

### Fire resistance (4<sup>rd</sup> digit):

grade 0 = not approved for use on fire door assemblies  
 grade 1 = suitable for use on fire door assemblies

### Safety (5<sup>th</sup> digit):

No grade identified for these products

### Corrosion resistance (6<sup>th</sup> digit):

Products are classified from 1 to 4 according to the five grades defined in EN 1670.  
 Grade 0 is for products not tested.

### Security (7<sup>th</sup> digit):

No grade identified for these products

### Category of door (8<sup>th</sup> digit):

grade 1 = sliding door  
 grade 2 = folding door (bi-fold type)  
 grade 3 = multi-panel folding door

### Initial friction (9<sup>th</sup> digit):

Three grades are defined:

Door mass	Up to 50 kg	51-100 kg	101-330 kg	> 330 kg
grade 1	50 N	80 N	100 N	5 % of the mass
grade 2	40 N	60 N	5 % of the mass	4 % of the mass
grade 3	30 N	40 N	4 % of the mass	3 % of the mass