



TÜV Rheinland LGA Products GmbH

Quality Certificate



The TÜV Rheinland LGA Products GmbH

confirms herewith that the company

Hawa AG

8932 Mettmenstetten / Switzerland

has their product

Sliding door fitting

HAWA - Purolino 80 (for doors weighting max. 80 kg)


tested/inspected and permanently supervised within the scope of a surveillance agreement according to the conditions as laid down in the general contract.

The quality requirements as mentioned below are fully met.

Quality requirements acc.	Details									
DIN EN 1527 : 1998 classification	-	6	2	0	-	0	-	1	3	
DIN EN 1527 : 1998 durability	100.000 cycles									
Quality assurance ISO DIN 9001	Third party monitoring and self monitoring									

Nuremberg, 2010-09-15
translated, 2010-12-27

Quality Certificate no. 60033976
TRLP-Test Report no. 21157501


Dipl.-Ing.(FH) R. Heym
Certification Body



Classification acc. DIN EN 1527 : 1998

Category of use (1st digit):

No grade identified for these products

Durability (2nd 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 (3rd 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 (4th digit):

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

Safety (5th digit):

No grade identified for these products

Corrosion resistance (6th 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 (7th digit):

No grade identified for these products

Category of door (8th digit):

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

Initial friction (9th 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 hte mass	3 % of the mass