

CONSTRUCTION PRODUCTS REGULATION (EU) 305/2011

DECLARATION OF PERFORMANCE DoP N° 004-01-EN

1. Unique identification code of the product type:

Single axis door- and window hinges according to DIN EN 1935:2002-05

1309-CPR-0018 - 2-parted door hinges

1309-CPR-0036 - 3-parted door hinges

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11 (4) of the CPR:

3D-PLUS aluminium door hinges

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

For emergency exit doors and smoke doors

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11 (5):

**WSS - Wilh. Schlechtendahl & Söhne GmbH & CO. KG
Hauptstr. 18 - 32
42579 Heiligenhaus**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

7. PIV Velbert, DAKKS no. 1309 (Germany's national accreditation body), has executed type testing in accordance with the provisions of DIN EN 1935:2002-05, has carried out assessment and verification of constancy of performance and has issued the test report.

8. European Technical Assessment:

N/A

9. Declared performance

Harmonised technical specification: DIN EN 1935:2002-05

Essential characteristics	Performance
Self-closing	
5.1 Initial friction torque measurements 5.2 Static load 5.2.1 Load deformation 5.2.2 Overload 5.3 Shear strength 5.6 Hinges for use on fire-resistant and/or smoke-control doors	< 4,0 Nm (grade 13 +14) -lateral displacement under load < 2 mm -vertical displacement under load < 4 mm -residual displacements after unloading: lateral <0,2 mm and vertical <0,25 mm -neither any breakage of any component nor any cracking visible to normal or corrected vision -neither any breakage of any hinge leaf, knuckle, barrel or pin nor any cracking or lateral deformation greater than 3 mm -the additional lateral and vertical displacements after test do not exceed 1mm and the hinge has operated for 20 cycles without breakage of any hinge leaf, knuckle barrel or pin. Grade 1: suitable for use on fire/smoke resistant door assemblies (only 3-parted hinges)
Durability	
5.4 Durability 5.8 Families of hinges with common design features 5.5 Corrosion resistance	Grade 7: 200 000 test cycles -lateral wear 0,2 mm -vertical wear 0,4 mm -maximum frictional torque after 20 and after 200 000 test cycles < 4 Nm This hinge has neither any variation of design nor any change of materials against the sample submitted to the type testing Grade 3: high corrosion resistance (96 hours)
Dangerous substances	
Note 1 of ZA.1	The materials in this product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

The declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by:



Andreas Mielke, certified technician
CE-Commissioner

Heiligenhaus, 23. June 2015

(Place and date of issue)

CE-MARKING

relating to the Declaration of Performance N° 004-01-EN BauPVo (EU Nr. 305/2011)
for single-axis door hinges according to DIN EN 1935:2002-05

CE							
Wilh. Schlechtendahl & Söhne GmbH & Co. KG Hauptstraße 18 – 32 42579 Heiligenhaus							
2017							
Germany							
DoP-N° 004-01-EN BauPVO (EU N° 305/2011)							
1309-CPR-0018 (2-parted door hinges) 1309-CPR-0036 (3-parted door hinges)							
1935:2002-05							
door hinges in escape routes							
4	7	6	0	1	3	1	13
4	7	7	0	1	3	1	14



Andreas Mielke, certified technician
CE-Commissioner

Heiligenhaus, 23. June 2015

(Place and date of issue)

Manufacturer's Declaration / REACH Regulation

Herewith, we inform you of the conformity of the company of Wilh. Schlechtendahl & Söhne GmbH & Co. KG to the EC regulation 1907/2006 (REACH).

We comply with the requirements given in the REACH regulation.

Being a „downstream user“, we synchronize in a timely manner with the suppliers of raw materials and supplies relating to REACH, thus ensuring that REACH does not negatively affect the production of the products purchased by you.

In the (extremely unlikely) event of a relevant change caused by REACH in the delivery capacity and our products' quality we are going to inform you in due course in order to coordinate appropriate measures.

Heiligenhaus, May 2013

Manufacturer's Declaration of Factory Production Control

The system of factory production control of
Wilh. Schlechtendahl & Söhne GmbH & Co. KG meets the requirements of product standard
DIN EN 1935:2002-05.

Heiligenhaus, May 2013