

DECLARATION OF PERFORMANCE
Ref.: AI4043-2014-12

1. Unique identification code of the product-type:
AX-AISI 5
EN ISO 18273: S Al 4043
2. Intended use :
Use in metallic structures or in composite metal and concrete structures
3. Manufacturer:
ALUNOX Schweißtechnik GmbH
Gießerallee 37a
47877 Willich, Germany
4. Authorized representative:
not applicable
5. System or systems of assessment and verification of constancy of performance:
System 2+
6. Harmonized standard: EN 13479:2017
Notified body: TÜV Rheinland Industrieservice GmbH, Cologne, Germany, identification No. 0035.
7. Declared Performance:
Dimensional tolerances as defined in EN ISO 544:2011.

Essential characteristics

Chemical composition							
	Si	Fe	Cu	Mn	Mg	Cr	Zn
min.	4,5	-	-	-	-	-	-
max.	6	0,8	0,3	0,05	0,05	0,05	0,1
	Ti	Be	Al	Zr	V	Ga	
min.	-	-	-	-	-	-	
max.	0,2	0,0003	Basis	0,05	0,05	0,05	

The performance of the product identified in points 1 and 2 is in conformity with the declared
This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 and
is the sole responsibility of the manufacturer identified above.

Signed for, and on behalf of the manufacturer by:

Willich, 02/15/2024


i.A. Tobias Hausen
Technischer Manager & QM-Beauftragter
Alunox Schweißtechnik GmbH