

Declaration of Performance

L 235 according to EN 10224:2002 +A1:2005

according article 11 par. 1 and annex III Regulation (EU) No 305/2011

1. Unique identification code of the product type: Batch-no. / Pipe-no. Article 11 par. 4 Regulation (EU) No 305/2011		L 235 according to EN 10224:2002 +A1:2005 see marking of pipe and certificate
2. Intended use:		Steel pipe for the transport / storage / disposal of water not in use for drinking water
3. Manufacturer: Article 11 par. 5 Regulation (EU) No 305/2011		Mannesmann Line Pipe GmbH In der Steinwiese 31 – 57072 Siegen Kissinger Weg 55 – 59067 Hamm
4. System of validation and investigation of performance: Annex V Regulation (EU) No 305/2011 Technical assessment Technical assessment body:		System 4 Type testing; Sample testing according to Article 11 par. 3 Regulation (EU) No 305/2011 Prüf-, Inspektions- und Zertifizierungsstelle Magistratsabteilung 39 A-1110 Wien, Rinnböckstraße 15/2
5. Harmonized standard		DIN EN 10224 annex ZA
6. Declared performances		
Fundamental properties	Performance	Harmonized technical specification
Dimension and Form: Outside diameter ^a Wall thickness (T) ^a Straightness Ovality Tightness	see paragraph 7.7 ≤ 219,1 ±1 % or ±0,5 mm, > 219,1 ±0,75 % ±10 % or ±0,3 mm max. 0,2 % max. 2 % Hydrostatic pressure testing	EN 10224:2002 +A1:2005
^a whichever is greater		
Mechanical properties: Tensile strength Rm (N/mm ²) Yield strength ReH (N/mm ²) Elongation A (%)	see table 3 360 – 500 235 (T ≤ 16 mm); 225 (T > 16 mm) 25 (longitudinal) 23 (transverse)	EN 10224:2002 +A1:2005
Fire classification	class A1	EN 10224:2002 +A1:2005
Dangerous substances	No performance determined	EN 10224:2002 +A1:2005
Durability ^b	No performance determined	EN 10224:2002 +A1:2005
^b achieved by coating or lining The mechanical properties are unchangeable under predominantly static loads.		
7. The performance of the product in no. 1 is in conformity with the set of declared performances in no. 6. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer in no. 3.		
Signed by the manufacturer and on behalf of the manufacturer by:		
Name and position: Dr. rer. nat. Hans-Jürgen Kocks / IMB	Place, date, signature: Siegen, 19.07.2024,	