




Declaration of Performance

L 355 according to EN 10224:2002 +A1:2005

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

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|---|--|---|
| 1. Unique identification code of the product type: Batch-no. / Pipe-no. Article 11 par. 4 Regulation (EU) No 305/2011 | L 355 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 | Salzgitter Mannesmann Line Pipe GmbH In der Steinwiese 31 – 57074 Siegen Kissinger Weg 55 – 59067 Hamm | |
| 4. System of validation and investigation of performance: Annex V Regulation (EU) No 305/2011 | System 4 | |
| Technical assessment | Type testing; Sample testing according to Article 11 par. 3 Regulation (EU) No 305/2011 | |
| Technical assessment body: | 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* | see paragraph 7.7 $\leq 219,1 \pm 1 \%$ oder $\pm 0,5$ mm, $> 219,1 \pm 0,75 \%$ | EN 10224:2002 +A1:2005 |
| Wall thickness (T)* | $\pm 10 \%$ oder $\pm 0,3$ mm | |
| Straightness | max. 0,2 % | |
| Ovality | max. 2 % | |
| *- the larger value applies in each case | | |
| Mechanical properties: | see table 3 | EN 10224:2002 +A1:2005 |
| Tensile strength Rm (N/mm ²) | 500 – 650 | |
| Yield strength ReH (N/mm ²) | 355 (T \leq 16 mm); 345 (T > 16 mm) | |
| Elongation A (%) | 21 (längs) 19 (quer) | |
| Fire classification | class A1 | EN 10224:2002 +A1:2005 |
| 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, 01.10.2020, |  MANNESMANN LINE PIPE |
| This document can be downloaded: www.mannesmann-linepipe.com | | Qualitätsstelle · Quality Department In der Steinwiese 31 · 57074 Siegen |