

Declaration of Performance No. 1 / 16.05.2018

- Product-type unique identification number: **COCHILTECH, COCHILTECH AL**
- Intended use: **Thermal insulation for overground pipelines (inside or outside) or underground (in thermal channels) for transport and distribution of the thermal agent with a maximum temperature of + 250 ° C; thermal insulation against frost and condensation of cold water distribution pipes.**
- MANUFACTURER: **ISOLINE SRL, DN 59 Km8+550M left, Timisoara, Romania, Tel: 0356 004822; 0722202434, 0731630588, e-mail: office@isoline.ro**
- Consistent performance evaluation and checking systems:

System 1:

- **Harmonized standard: SR EN 14303+A1:2013**

Notified body: **ICECON CERT** (European Commission notified body, identification no. NB 2204)

The notified testing laboratory of Forschungsinstitut für Wärmeschutz e. V. Munich **FIW Munich, Germany** (European Commission notified identification no. NB 0751) has determined thermal conductivity and issued testing reports no. G.3-022a/16; G.3- 023a/16; G.3-024a/16; G.3-025a/16 of 02/22/2016.

The notified testing laboratory of **Instituto Giordano S.p.A., Italy** (European Commission notified, identification no. NB 0407) has performed the fire reaction tests and issued testing reports no. 332554 / 9849/CPR; 332554 / 9850/CPR; No. 332556 / 9851/CPR; 332553 / 9848/CPR; 332557 /9852/CPR of 03/29/2016.

- Declared performance

| Essential characteristics: | Items from the harmonized technical specification <u>SR EN 14303+A1:2013</u> | Performance | |
|---|---|---|------------------------------|
| Reaction to fire | 4.2.4 SR EN 13501 – 1 + A1: 2010 | Cochiltech A1 | Cochiltech AL A2L -s1, d0 |
| Dimensions | 4.2.2.1 | Thickness: 20 ÷ 80 mm Length: 1000 mm Inner diameter: 18 ÷ 350 mm | |
| Thickness tolerance levels | 4.2.2 | T8 (Do<150mm) T9 (Do≥150mm) | |
| Noting code | 6 | MW-EN 14303-T8-ST(+)250-WS1-MV1 MW-EN 14303-T9-ST(+)250-WS1-MV1 | |
| Dimensional stability | 4.2.3 | NPD | |
| Compression resistance | 4.3.4 | NPD | |
| Water absorption | 4.3.5 | NPD | |
| Water vapor diffusion resistance | 4.3.6 | NPD | |
| Traces of water-soluble ions and pH value | 4.3.7 | NPD | |
| Acoustic absorption | 4.3.8 | NPD | |
| Emission of hazardous substances | 4.3.9 | NPD | |
| Continuous incandescent burning | 4.3.10 | NPD | |
| Durability characteristics | 4.2.5 | NPD | |
| Thermal conductivity (declared) λ_d | 4.2.1 | 0,036 W/mK | |
| 10° | | 0.043 W/mK | |
| 50° | | 0.052 W/mK | |
| 100° | | 0.063 W/mK | |
| 150° | | 0.076 W/mK | |
| 200° | | 0.094 W/mK | |
| 250° | | | |

Note: «NPD» stands for «no performance determined»

The performance of the above-mentioned products conforms to the declared performance set. This Declaration of Performance is released in accordance with (EU) Regulation no. 305/2011, on the exclusive responsibility of the above-mentioned manufacturer.

Signed for and on behalf of the manufacturer **ISOLINE SRL** by:
Martin Marllene, General Manager Timisoara, 16/05/2018

