



# REGISTRIERUNGSBESCHEINIGUNG

## English version (Original in German) CERTIFICATE OF REGISTRATION

**No.: R-15.2.3-21-17058**

**2<sup>nd</sup> extension**

We herewith confirm pursuant to § 7 of the Styrian Building Products Act 2013, LGB1. [National Law Gazette] no. 83/2013 version of LGB1. [National Law Gazette] no. 74/2023, LGB1. [National Law Gazette] that the building product(s)

### **Pipes and fittings made of metallic materials**

with the trade name “Talos“

from the manufacturer

**ElvalHalcor S.A.**

Avenue Mesogeion 2-4 Athens 2<sup>nd</sup> Building, GR-11527 Athens

of the manufacturing plant(s)

**Halcor Copper Tubes Division of ElvalHalcor S.A.**

62<sup>nd</sup> km National Road Athens Lamia, GR-32011 Inofyta Viotia

correspond(s) to the set of regulations

**ÖNORM B 5014-3, edition 2017.05.01**

**additionally Annex A, section. 15.2.3 applies**

which is equivalent to the provision(s) of the set of regulations defined in the ÖA list of building materials, edition 15<sup>th</sup> March 2019 (1<sup>st</sup> novella to the ÖA list of building materials)

The product(s) is (are) subject to an internal production control and an external monitoring by

**OFI, Technologie & Innovation GmbH**

Franz-Grill-Straße 5, Objekt 213, A-1030 Wien

Number of the monitoring contract: **HH0200**

According to the validity period of the proof of compliance to be defined according to § 6 Para. 3 clause 3 of the Styrian Building Products Act 2013, LGB1. [National Law Gazette] no. 83/2013 version of LGB1. [National Law Gazette] no. 74/2023, the certificate of compliance is valid up to

**11<sup>th</sup> March 2028**

The aforementioned building product(s) is (are) usable according to § 5 Para. 1 of the Styrian Building Products Act 2013, LGB1. [National Law Gazette] no. 83/2013 version of LGB1. [National Law Gazette] no. 74/2023, and the manufacturer is thus authorised to label the building product(s) with the sign according to § 9 Para. 1 of the Styrian Building Products Act 2013, LGB1. no. 83/2013 version of LGB1. [National Law Gazette] no. 74/2023. The certificate of registration is acknowledged by the parties to the contract (countries).

The material product characteristics are presented in the supplement to this certificate of registration.

The certificate of registration has 4 pages including the supplement.

**Note: this certificate of registration loses its validity after the expiry of the transitional period contained in the ÖA list of building materials and the manufacturer the authorization to attach the sign ÜA.**

For the Styrian Provincial Government

Head of the certification authority

*electronically signed*

Graz, 17<sup>th</sup> October 2023

Hofrat Dipl.-Ing. Robert Jansche, MPA



English version (Original in German)

## Supplement to

**No.: R-15.2.3-21-17058**

2<sup>nd</sup> extension

Pipes and fittings made of metallic materials

# PRODUCT CHARACTERISTICS

| Manufacturer                                                                                        | Manufacturing plant                                                                                                              |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>ElvalHalcor S.A.</b><br>Avenue Mesogeion 2-4 Athens 2 <sup>nd</sup> Building,<br>GR-11527 Athens | <b>Halcor Copper Tubes Division of ElvalHalcor</b><br>62 <sup>nd</sup> km National Road Athens Lamia,<br>GR-32011 Inofyta Viotia |



This certificate of registration (Registrierungsbescheinigung) is valid for

**Pipes and fittings made of metallic materials**  
**according to ÖNORM B 5014-3 (2017.05.01)**

subject: pipes with the trade name „TALOS“  
material: copper CW024A (Cu-DHP)  
diameter [mm]: see table below  
possible areas of application: universally applicable in drinking water installations

Das elektronische Original dieses Dokumentes wurde antesigniert. Hinweise zur Prüfung dieser elektronischen Signatur bzw. der Echtheit des Ausdrucks finden Sie unter: <https://as.stmk.gv.at>

| Pipes with the trade name<br>„TALOS“            |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |                     |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------|
| Pipeline part                                   | Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                            | Item number     | Manufacturing plant |
| Seamless pipes<br>without sheathing in<br>coils | 6 x 0,6 mm, 6 x 0,8 mm, 6 x 1,0 mm,<br>8 x 0,6 mm, 8 x 0,8 mm, 8 x 1,0 mm,<br>10 x 0,6 mm, 10 x 0,7 mm, 10 x 0,8 mm,<br>10 x 1,0 mm,<br>12 x 0,6 mm, 12 x 0,7 mm, 12 x 0,8 mm,<br>12 x 1,0 mm,<br>14 x 0,8 mm, 14 x 1,0 mm,<br>15 x 0,7 mm, 15 x 0,8 mm, 15 x 1,0 mm,<br>16 x 1,0 mm,<br>18 x 0,8 mm, 18 x 1,0 mm,<br>22 x 0,9 mm, 22 x 1,0 mm, 22 x 1,1 mm,<br>22 x 1,2 mm,<br>22 x 1,5 mm<br>28 x 1,0 mm, 28 x 1,1 mm, 28 x 1,2 mm,<br>28 x 1,5 mm | R 220<br>(soft) | see above           |



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| Pipes with the trade name<br>„TALOS“                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |                     |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| Pipeline part                                              | Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Item number          | Manufacturing plant |
| Seamless pipes<br>without sheathing in<br>straight lengths | 12 x 0,6 mm, 12 x 0,7 mm, 12 x 0,8 mm,<br>12 x 1,0 mm,<br>14 x 0,8 mm, 14 x 1,0 mm,<br>15 x 0,7 mm, 15 x 0,8 mm, 15 x 1,0 mm,<br>16 x 1,0 mm<br>18 x 0,8 mm, 18 x 1,0 mm,<br>22 x 0,9 mm, 22 x 1,0 mm, 22 x 1,1 mm,<br>22 x 1,2 mm, 22 x 1,5 mm<br>28 x 0,9 mm, 28 x 1,0 mm, 28 x 1,2 mm,<br>28 x 1,5 mm<br>35 x 1,5 mm                                                                                                                                                                                                                                                                                                                                      | R 250<br>(half hard) | see above           |
| Seamless pipes<br>without sheathing in<br>straight lengths | 6 x 0,6 mm, 6 x 0,8 mm, 6 x 1,0 mm,<br>8 x 0,6 mm, 8 x 0,8 mm, 8 x 1,0 mm,<br>10 x 0,6 mm, 10 x 0,7 mm, 10 x 0,8 mm,<br>10 x 1,0 mm,<br>12 x 0,6 mm, 12 x 0,7 mm, 12 x 0,8 mm,<br>12 x 1,0 mm,<br>14 x 0,8 mm, 14 x 1,0 mm,<br>15 x 0,7 mm, 15 x 0,8 mm, 15 x 1,0 mm,<br>16 x 1,0 mm<br>18 x 0,8 mm, 18 x 1,0 mm,<br>22 x 0,9 mm, 22 x 1,0 mm, 22 x 1,1 mm,<br>22 x 1,2 mm,<br>22 x 1,5 mm<br>28 x 0,9 mm, 28 x 1,0 mm, 28 x 1,2 mm,<br>28 x 1,5 mm<br>35 x 1,0 mm, 35 x 1,2 mm, 35 x 1,5 mm<br>40 x 1,0 mm<br>42 x 1,0 mm, 42 x 1,2 mm, 42 x 1,5 mm<br>54 x 1,0 mm, 54 x 1,2 mm, 54 x 1,5 mm,<br>54 x 2,0 mm<br>64 x 2,0 mm<br>66,7 x 1,2 mm, 66,7 x 2,0 mm | R 290<br>(hard)      | see above           |



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| Pipes with the trade name<br>„TALOS“                       |                                                                            |                 |                     |
|------------------------------------------------------------|----------------------------------------------------------------------------|-----------------|---------------------|
| Pipeline part                                              | Dimension                                                                  | Item number     | Manufacturing plant |
| Seamless pipes<br>without sheathing in<br>straight lengths | 76,1 x 1,5 mm 76,1 x 2,0 mm<br>88,9 x 2,0 mm<br>108 x 1,5 mm, 108 x 2,5 mm | R 290<br>(hard) | see above           |