

# C E R T I F I C A T E

Päiväys: 9.3.2017

Meidän tilausnumero: 0399942  
Asiakkaan tilausnumero: R.Wessman 001630

TAMMINIITTY OY  
ATT: AINE  
RAKENTAJANTIE 1  
FI-27510 EURA

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| Rivi | Tuote      | Kuvaus                              | Viite | Sulatusnumero |
|------|------------|-------------------------------------|-------|---------------|
| 2    | 4100301103 | EN AW-5754 H22 3X1250X2500 EI VÄLIP |       | 1409701       |

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Pyydetyt todistukset yllä oleville tilauksille lähetetään teille.

BE Group Oy Ab  
PL 54 Helsingintie 50  
FI-15101 LAHTI

Puhelinnumero: +358 3 825200  
Faksinumero: +358 3 8252503

[certificates@begroup.fi](mailto:certificates@begroup.fi)



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 2570 Duffel - Belgium  
 www.aleris.com

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 F +32(0)15 30 27 94

CERTIFICATE EN 10204-3.1

YOUR ORDER NUMBER : PO47504  
 OUR ORDER NUMBER : 06230/02  
 DOCUMENT NUMBER : V/0080547116

CUSTOMER : BE GROUP OY AB

HELSINGINTIE 50  
 FIN-15101 LAHTI

DIMENSIONS : 1250 X 3MM  
 ARTICLE NO.: 4101651014  
 DESCRIPTION: ALU COILS EN 5754 H22

ORIGIN OF GOODS : EUROPEAN UNION ( BELGIUM )

| COIL NUMBER | CAST NUMBER | CHEMICAL COMPOSITION (WEIGHT %) |                |      |           |      |            |      |      |      |
|-------------|-------------|---------------------------------|----------------|------|-----------|------|------------|------|------|------|
|             |             | SI                              | FE             | CU   | MN        | MG   | CR         | TI   | ZN   |      |
|             |             | MIN                             |                |      |           |      |            |      |      |      |
|             |             | MAX                             | 0,40           | 0,40 | 0,10      | 0,50 | 2,6<br>3,6 | 0,30 | 0,15 | 0,20 |
| 001         | 1409701     |                                 | 0,17           | 0,37 | 0,03      | 0,24 | 3,3        | 0,05 | 0,01 | 0,01 |
| 002         | 1409701     |                                 | 0,17           | 0,37 | 0,03      | 0,24 | 3,3        | 0,05 | 0,01 | 0,01 |
|             |             | OTHERS :                        | CR + MN : 0,10 |      | MIN - 0,6 |      | MAX        |      |      |      |
|             |             |                                 | EACH :         |      | MIN       |      | 0,05 MAX   |      |      |      |
|             |             |                                 | TOTAL :        |      | MIN       |      | 0,15 MAX   |      |      |      |

| TEST-NUMBER |    | MECHANICAL PROPERTIES |          |         |
|-------------|----|-----------------------|----------|---------|
|             |    | RM (T)                | RP02 (T) | A50 (T) |
|             |    | MPA                   | MPA      | %       |
|             |    | MIN                   | 220      | 130     |
|             |    | MAX                   | 270      | 10      |
| 001         | /A |                       | 234      | 146     |
| 002         | /A |                       | 234      | 146     |

UNLESS OTHERWISE MENTIONED, FOLLOWING STANDARDS ARE APPLICABLE :

CHEMICAL COMPOSITION : EN 573-3 / MECHANICAL PROPERTIES : EN 485-2 ; EN 683-2 (FINSTOCK)  
 TOLERANCES ON DIMENSIONS AND FORM : EN 485-3 (HOT) ; EN 485-4 (COLD) / TENSILE TESTING : ISO 6892-1  
 HARDNESS BRINELL : EN ISO 6506-1 / T4-T6 : DIN 29850

THE DELIVERY IS IN ACCORDANCE WITH THE ORDER  
 THIS CERTIFICATE IS GENERATED BY COMPUTER.

DATE SOLUTION HEAT TREATEMENT COIL NUMBER



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HEAD OF LABORATORY,  
XAVIER SCHELTJENS

A handwritten signature in black ink, appearing to read "X. Scheltjens", written in a cursive style.