

**DE NORA LIDA® GRID**

ACTIVATED TITANIUM EXPANDED MESH RIBBON FOR CATHODIC PROTECTION  
OF STEEL IN CONCRETE

**MATERIAL SPECIFICATIONS**

| <b>MESH RIBBON 13 mm width</b>                              |              | Unit                        |              |
|---|--------------|-----------------------------|--------------|
| Current Rating at 110 mA/m <sup>2</sup>                     |              | mA/m                        | 3.4          |
| Dimensions  | Width        | mm                          | 13 ± 0.5     |
|   | Thickness    | mm                          | 0.9 ± 0.1    |
|   | Unit Lengths | m                           | 50 + 0.5/-0  |
| Weight (Approx) per roll of 50 m                            |              | kg/roll                     | 0.923 ± 10 % |
| Electrical resistance                                       |              | Ohm/m                       | 0.33         |
| Expected design life  |              | Years                       | 100          |
| <b>ANODE CONCRETE INTERFACE<br/>MAXIMUM CURRENT DENSITY</b> |              |                             |              |
| FHWA limit  |              | mA/m <sup>2</sup>           | 110          |
| Short Term limit  |              | mA/m <sup>2</sup>           | 220          |
| <b>SUBSTRATE COMPOSITION</b>                                |              | ASTM B 265 Titanium Grade 1 |              |
| <b>CATALYST</b>   |              | Noble Mixed Metal Oxide     |              |
| <b>CURRENT DISTRIBUTOR</b>                                  |              |                             |              |
| Width   |              | mm                          | 15           |
| Thickness   |              | mm                          | 1            |
| Weight  |              | g/m                         | 68           |
| Electrical resistance                                       |              | Ohm/m                       | 0.040        |

The values of materials specifications are nominal.

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