

Magnelis® for Solar Applications

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| <ul style="list-style-type: none"> • Questions I to IV, V, VI and VII: • Question IV a): • Question IV b): | <p>For all projects</p> <p>Upper Structure with Atmospheric Corrosion</p> <p>Poles in Soil</p> |
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The questionnaire is to be completed by the customer and returned to the ArcelorMittal's Commercial Department. Only questionnaires duly completed in full and signed by the customer shall be taken into consideration. The decision of granting a Guarantee for Magnelis® is subject to analysis by ArcelorMittal.

Do you know the Third-Party Approval of Magnelis® by DIBt, RISE, CSTB?

- Germany:
https://fce.arcelormittal.com/repository2/fce/transfer/Magnelis_certification_DIBt_ENtransl.pdf
- France:
https://fce.arcelormittal.com/repository2/fce/transfer/Magnelis_certification_CSTB_EN.pdf
- Sweden:
https://fce.arcelormittal.com/repository2/fce/transfer/Magnelis_certification_RISE_EN.pdf

This certification can provide the needed information regarding suitability of Magnelis® for your application.

I/ CUSTOMER INFORMATION

Corporate Name:

Street

Postal code

City

Country

II/ PROJECT CHARACTERISTICS

TYPE OF INSTALLATION

- ☐ Ground mounted / utility scale solar plant
- ☐ Rooftop installation

PLANNED OPERATION(S)

- ☐ Complete construction of a new solar plant
- ☐ Extension to an existing solar plant
- ☐ Retrofitting/Repair of an existing solar plant

PROJECT SIZE

Power generation

Tonnage of Magnelis® coated steel:

MOUNTING SYSTEM PRODUCER

Company name:

ENGINEERING, PROCUREMENT & CONSTRUCTION (EPC)

Company name:

III/ PROJECT ENVIRONMENT

CONSTRUCTION SITE

Project name:

City / Country

Latitude

Longitude

PROJECT LOCATION

☒ In a rural area more than 10 km from the coast☐ In proximity to building(s) housing animals or storing fermentation products☐ Yes☐ No

If yes, distance from the site (km)

☐ In an urban agglomeration and/or industrial environment☐ Yes☒ No☐ Mainly comprising refineries, incineration factories, coal- or oil-fired power stations, distilling industries, cement works, paper mills, chemical plants ...

• Distance from the site (km)

• Type of industry

• Type of emissions

• Are the gas, smoke or pulverulent releases carried by prevailing winds?

☐ Yes☒ No☐ In a desert:

☐ In a coastal or marine environment:

If the distance is less than 10 km from the seafront, then please specify the distance.

☐ Located in less than 300 m from the coast

☐ Without direct wetting with sea water and/or direct action of sea spray

☐ With partial or momentary wetting with sea water and/or direct action of sea spray

☐ Located between 300 m and 2 km from the coast

☐ Located between 2 km and 10 km from the coast

☐ In a specific environment (combination of above exposure and certain additional effects, high temperature, high hygrometry, significant dust deposits, etc.)

- Distance to lake or river (km)

IV/ TYPE OF GUARANTEES REQUESTED

IV a) Guarantee for upper structure made with Magnelis® (only for atmospheric corrosion)

☒ Yes

☐ No

MAGNELIS® COATING MASS

☐ Magnelis® ZM310 with a metallic coating of 310 g/m² on both sides

☐ Magnelis® ZM430 with a metallic coating of 430 g/m² on both sides

☐ Magnelis® ZM620 with a metallic coating of 620 g/m² on both sides

Guarantee duration expected (in years):

IV b) Guarantee for poles made with Magnelis® (only for projects with poles in soil)

☒ Yes

☐ No

MAGNELIS® COATING MASS

☐ Magnelis® ZM430 with a metallic coating of 430 g/m² on both sides

☐ Magnelis® ZM620 with a metallic coating of 620 g/m² on both sides

Guarantee duration expected (in years):

☐ Is a full soil analysis available?

Please submit the soil analysis together with the guarantee request.

☐ Yes

☒ No

The soil analysis should contain at least the following information:

Granulometry, pH-value, moisture content, chloride content, sulphate content, sulphide content, resistivity, presence of ground water.

Any other information about the soil, which is in accordance with DIN 50929-3:2018, will be useful.

V/ OTHER MATERIALS USED IN DIRECT CONTACT WITH MAGNELIS®

- ☐ The structure is made entirely with Magnelis®
- ☐ Stainless steel for parts
- ☐ Aluminium for parts
- ☐ Concrete for foundations

Materials for fasteners:

- ☐ stainless steel
- ☐ zinc coated steel
- ☐ coated steel with other coatings
- ☐ aluminium

- ☐ Which coatings are going to be used for parts in contact with Magnelis® coated parts?

Please specify, if applicable!

- ☐ Which other materials are going to be used in contact with Magnelis® coated parts?

Please specify, if applicable!

(e.g. continuously hot-dip galvanized steel, batch galvanized steel, wood, etc.)

VI/ PARTS WITH MAGNELIS® COATING

N°	Designation of part	Sheet thickness in mm	Magnelis® coating mass in g/m²	Atmospheric “A” or Soil corrosion “S”	Fabrication process Roll Forming = R Stamping = S Tubing + HF = H Tubing + Laser = L
0					
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

VII/ ADDITIONAL INFORMATION / COMMENTS

Other remarks about the project or additional information:

VIII/ SIGNATURE

City

Date and Signature
