



ArcelorMittal

Granite®

Automatic Guarantee

## 1 APRIL 2015 VERSION

The present guarantee is written and stipulated in English and may be translated into the language of some of the countries within the geographical scope of application of the guarantee. In case of any misreading between the English text and a translation into any other language, the English version shall always prevail.

The Vendor's General Conditions of Sale form an integral part of this Guarantee.

## I. OBJECT OF THE GUARANTEE

This guarantee (hereinafter the "Guarantee") applies to the supply by ArcelorMittal Flat Carbon Europe S.A.<sup>(1)</sup> (hereinafter the "Vendor") to the customer (hereinafter the "Beneficiary") of Granite® range products (hereinafter the "Products"), to be used in normal conditions in exterior cladding (including garage doors) or exterior roofing (including tile panels, but excluding gutters, junction elements, roof accessories, and applications related to solar energy generation<sup>(2)</sup>) of buildings located in the European geographical area, as defined restrictively by the coordinates specified in Appendix A, which concerns notably Albania, Andorra, Austria, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, the Czech Republic, Denmark, Estonia, Finland, metropolitan France, Germany, Greece, Hungary, Ireland, Italy, Kosovo, Latvia, Lichtenstein, Lithuania, Luxembourg, Moldova, Montenegro, the Netherlands, Norway, Poland, Portugal, the Republic of Macedonia, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine and the United Kingdom (Great Britain (England, Scotland, Wales) and Northern Ireland), extended to Armenia, Azerbaijan, Georgia, Iceland, Kazakhstan, Tajikistan and Turkey.

The Vendor declares that the characteristics of the coated Products are in accordance with standards EN 10346 – EN 10169, in force on the date of delivery of the Products.

Subject to the conditions and restrictions of this Guarantee and all its appendices, the Vendor hereby guarantees the Beneficiary:

- The non-perforation of the metal support as a result of oxidation,
- The non-delamination of the paint film,
- That there shall be no proliferation of corrosion and no delamination of the paint film from cut edges over a distance of more than ten (10) millimetres along at least 10% of the total cut edges, before expiry of the guaranteed time periods (Section II – Table: Duration of the guarantee for non-delamination of the paint film). However, in any case, the guaranteed time periods regarding the non-proliferation of corrosion and the non-delamination of the paint film from cut edges shall never exceed a maximum of 10 years.
- The aesthetic appearance of the Products (after cleaning with soapy water – pH neutral):
  - Uniform ageing of the colour for the same exposure and the same facade,
  - Differences in colour and gloss within the limits specified in Section II – Table: Duration of the guarantee for aesthetic properties, colour / gloss.

*Note: According to the EN 10346 standard, the colour measurement methods do not give reliable values in the case of metallic or saturated colours and textured, embossed or streaked finishes.*

*(1) and/or by ArcelorMittal Commercial Italy S.r.l. (hereinafter individually the "Vendor") to its respective customers (hereinafter the "Beneficiary"), for its respective sales of Granite® range products, without joint liability with ArcelorMittal Flat Carbon Europe S.A.*

*(2) for applications related to rainwater and to solar energy generation systems, two other guarantees apply.*



## II. DURATION OF THE GUARANTEE

This Guarantee shall come into effect from the date of shipment of the Products, or, failing this, from the date they are made available to the Beneficiary, and shall not, under any circumstances, exceed the time periods indicated in the tables below.

Building Products – Automatic Guarantee without environmental questionnaire, for product / thickness / environment

Duration of the guarantee for non-perforation of the sheet metal and for non-delamination of the paint film (in years)

Coating finish on the exposed side	Thickness <sup>(a)</sup>	External environment									
		Rural	Urban and/or Industrial	Industrial		Marine			Special		
		Unpolluted	Moderate pollution	High pollution	Severe pollution	3 to 20 km	1 to < 3 km	300 m to < 1 km <sup>(b,c)</sup>	Mixed	Strong UV	Specific
Corrosion category as per EN 10169		C2	C3	C4	C5I	C3	C4	C5M			
Corrosivity		low	medium	high	very high	medium	high	very high			
<b>Granite® Standard</b> on metal coating minimum: Z225 / ZA200	25 µ	<b>10</b>	<b>10</b>	NG	NG	<b>10</b>	NG	NG	NG	NG	NG
<b>Granite® HD</b> on metal coating minimum: Z225 / ZA200	25 µ	<b>10</b>	<b>10</b>	NG	NG	<b>10</b>	NG	NG	NG	<b>10</b>	NG
<b>Granite® Flex</b> on metal coating minimum: Z225 / ZA200	25 µ	<b>15</b>	<b>15</b>	NG	NG	<b>15</b>	NG	NG	NG	NG	NG
<b>Granite® PVDF</b> on metal coating minimum: Z225 / ZA200	25 µ	<b>15</b>	<b>15</b>	NG	NG	<b>15</b>	NG	NG	NG	<b>10</b>	NG
<b>Granite® Deep Mat - Granite® Silky Mat - Granite® Impression (Cloudy, Wood, Agate)</b> on metal coating minimum: Z225 / ZA200	35 µ	<b>15</b>	<b>15</b>	E	E	<b>15</b>	E	NG	NG	<b>10</b>	E
<b>Granite® Impression (Elephant, Snake)</b> on metal coating minimum: Z225 / ZA200	50 µ										
<b>Granite® PVDF * - Granite® HDS *</b> on metal coating minimum: Z225 / ZA200	35 µ	<b>20</b>	<b>20</b>	E	E	<b>20</b>	<b>10</b>	NG	E	<b>15</b>	E
<b>Granite® Deep Mat *</b> on metal coating minimum: Z225 / ZA200	40 µ										
<b>Granite® HDX *</b> on metal coating minimum: Z225 / ZA200	55 µ	<b>25</b>	<b>20</b>	<b>15</b>	E	<b>20</b>	<b>10</b>	NG	E	<b>15</b>	E
<b>Granite® HDX **</b> on metal coating minimum: Z275 / ZA255	55 µ	<b>35</b>	<b>30</b>	<b>20</b>	E	<b>30</b>	<b>20</b>	<b>15</b>	E	<b>15</b>	E
<b>Granite® Storm **</b> on metal coating minimum: Z275 / ZA255	50 µ										

\* Backing coat 10 µ minimum mandatory  
except for foamed sandwich panels

\*\* Backing coat 12 µ minimum mandatory

NG: No guarantee, unsuitable coating.

E: Guarantee not automatic. Will be provided only after receipt of questionnaire and with manufacturer's agreement.

(a) Tolerance on nominal thickness defined in EN 10169 standard

(b) < 1 km after receipt of questionnaire and with manufacturer's agreement (seafront excluded), except Granite® HDX and Granite® Storm on Z275

(c) Double-sided systems mandatory for single-skin roofing, and backing coat 12 µ minimum mandatory for double-skin or sandwich panels

Building Products – Automatic Guarantee without environmental questionnaire, for product / durability / geographical location

Duration of the guarantee for aesthetic properties, colour / gloss (in years)

Coating finish on the exposed side	Colour category (a)	Level of durability		Geographical location, and elevation above sea level			
		$\Delta E$ colour deviation	Gloss Retention (b)	Zone 1		Zone 2	
				< 900 m	> 900 m	< 900 m	> 900 m
Granite® Standard - Granite® Flex	1,2	$\leq 5$	$\geq 30\%$	<b>5</b>	NG	NG	NG
	3	$\leq 5$	$\geq 30\%$	<b>2</b>	NG	NG	NG
Granite® HD - Granite® Deep Mat	1,2,3	$\leq 3$	$\geq 50\%$	<b>5</b>	<b>2</b>	<b>5</b>	NG
	4,5	$\leq 3$	$\geq 50\%$	<b>2</b>	E	<b>2</b>	NG
Granite® HDS - Granite® PVDF - Granite® Silky Mat - Granite® Impression (Cloudy, Wood, Agate, Elephant, Snake) - Granite® HDX - Granite® Storm	1,2,3	$\leq 3$	$\geq 80\%$	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
	4,5	$\leq 3$	$\geq 80\%$	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>

NG: No guarantee, unsuitable coating.

E: Guarantee not automatic. Will be provided only after receipt of questionnaire.

(a) See Appendix B.

(b) Valid for all specular gloss, except for "gloss" & "high gloss" according to EN 10169 standard.

The aesthetic properties guarantee, colour/gloss, covers uniform ageing of the colour for the same exposure and the same facade.

For Granite® Impression products, due to their non-homogeneous colour, only gloss retention shall be guaranteed.

### III. SCOPE OF THE GUARANTEE

Should the Vendor consider the Products to be defective over more than 5% of the total external surface of the roofing and/or cladding of the building, the Vendor shall undertake, at its sole discretion, to the exclusion of responsibility for any other losses or damages, either direct or indirect, material or immaterial, suffered by the Beneficiary or by any other person, to either:

- replace or reimburse accordingly, the defective Products, or
- repaint the defective surfaces of the Products, at its own expense, including the supply of paint and the cost of its application.

Moreover, it is expressly stated that the replacement and/or reimbursement and/or repainting of the Products:

- shall be limited solely to damaged areas: any differences in aspect compared with undamaged areas shall not be subject to compensation of any kind,
- shall not entitle the Beneficiary to any extension of the initial Guarantee period or to the renewal of a second Guarantee period.

Unless a more favourable compulsory local regulation prevails, for a duration and to the extent strictly limited to that more favourable compulsory local regulation, the Vendor's liability shall be limited to the invoiced value of the defective Products excluding VAT (and excluding transport and storage costs) to the following extent and within the following limits:

	KEY
<b>Date on which the Beneficiary claims under the Guarantee</b>	<b>P:</b> contribution of ArcelorMittal Flat Carbon Europe S.A. <b>G:</b> total duration of the Guarantee (in years) <b>R:</b> number of years of Guarantee remaining
≤ 5 years from the date of invoice	P = 100% of the invoiced value of the defective Products excluding VAT
> 5 years from the date of invoice	$P = [R \times 100 / (G - 5)]\%$ of the invoiced value of the defective Products excluding VAT

### IV. CONDITIONS OF THE GUARANTEE

This Guarantee is granted to the Beneficiary of ArcelorMittal Flat Carbon Europe S.A. and to the Beneficiary alone.

In the event that the Beneficiary should provide its own customer with a guarantee relating to the Product sold by ArcelorMittal Flat Carbon Europe S.A. which would exceed the terms of this Guarantee, the extended part of the Guarantee shall not be covered by the Vendor, and the Beneficiary shall bear all risks and shall indemnify the Vendor for any costs (including legal fees) relating to any claim.

The Guarantee may be transferred in the event of a change of control of the Beneficiary's company, and within 15 days of the change occurring. Only in this case may the remainder of the Guarantee be transferred to the Beneficiary's successor.

As an experienced professional in the construction sector, the Beneficiary shall ensure that due diligence is employed in the definition, execution and control of the transport, storage, handling, maintenance and any further processing of the Products.

The present Guarantee is subject to the Beneficiary's compliance with the following cumulative conditions.

#### 4.1 TRANSPORT, STORAGE AND HANDLING OF THE PRODUCTS

The Beneficiary shall be responsible for and shall control the transport, storage and handling of the Products and these operations shall, irrespective of the circumstances, be carried out in strict accordance with the professional rules and regulations in force on the date of delivery of the Products within the geographical scope of application of the Guarantee as defined in Appendix A, such as the DTU (statutory technical guidelines), regulations and standards, technical advisory notes, professional rules and the Vendor's documentation, in particular the "User manual Organic coated steels" and "Technical data sheets Organic coated steels", which may be found on our website at [http://industry.arcelormittal.com/6?id\\_product=63](http://industry.arcelormittal.com/6?id_product=63) or requested from ArcelorMittal technical support, and in conditions ensuring the perfect integrity of the Products.

All appropriate measures shall be taken by the Beneficiary and/or any person designated by the Beneficiary for this purpose to prevent any damage, particularly to the paint film during or as a result of these operations.

The Products shall not be stored on the Beneficiary's premises or on a construction site for longer than one (1) month following delivery.

*Note: For any specific cases that are not defined herein, the Beneficiary shall consult the Vendor. The characteristics and specifications for use of the Products shall then be jointly defined in a written agreement prior to the order.*

#### 4.2 PROCESSING OF THE PRODUCTS

The Products shall be used by the Beneficiary and/or any other person designated by the Beneficiary in strict accordance with the professional rules and regulations in force on the date of delivery of the Products within the geographical scope of application of the Guarantee as defined in Appendix A, such as the DTU (statutory technical guidelines), regulations and standards, technical advisory notes, professional rules and the Vendor's documentation, in particular the "User manual Organic coated steels" and "Technical data sheets Organic coated steels", which may be found on our website at [http://industry.arcelormittal.com/6?id\\_product=63](http://industry.arcelormittal.com/6?id_product=63), or requested from ArcelorMittal technical support, and in conditions ensuring the perfect integrity of the Products.

The Beneficiary must ensure that processing does not result in any damage (e.g. cracking) of the coating system.

Any protective film that has been applied to the Products shall be removed three (3) months at the latest after its application, and immediately following installation of the Products. Exposure to intense UV radiation and/or humidity condensation may shorten the aforementioned time limit.

All appropriate measures shall be taken by the Beneficiary and/or any person designated by the Beneficiary for this purpose to prevent any deterioration of the paint film, resulting from cuts, cutting, drilling and, more generally, any assembling or work executed in situ.

The design and construction of the building and any subsequent possible modifications thereto shall not result in:

- Weak points that might cause the accumulation of water or debris of any kind; the slope of the roof shall be a minimum of 5% if there is no overlapping, or 7% with overlapping.
- The detrimental assembly of the Products with incompatible materials.
- Unfit usage of the products.

In the specific case of parts that are processed by stamping, bending and profiling: if these operations result in elongation of the steel in the major direction by more than 30% and/or shrinkage of the steel in the minor direction by more than -10% (but under no circumstances beyond the cracking limit of the steel substrate), only Granite® Flex and Granite® HDX shall be covered by the present Automatic Guarantee.

#### 4.3 PRODUCT MAINTENANCE

A natural wash of the organic coated surfaces by atmospheric rainfall shall normally be assured in order to prevent any clogging that may be detrimental to their appearance (dust deposits etc). If, despite this, dust, dirt or similar accumulates on the Product, it shall be removed with soapy water.

For walls and roof surfaces that are not naturally washed by rainfall, regular maintenance is compulsory, with the following minimum frequency:

- An annual wash without the use of abrasive or aggressive products; the Beneficiary shall provide evidence of such washing.

Any parts that, for various reasons, show initial signs of corrosion must be treated immediately and systematically.

Regular maintenance in accordance with professional guidelines is required for garage doors. Cleaning with water and natural soap is recommended. In any case, the customer must check that the cleaning process and detergents used do not damage the coating.

The Beneficiary shall check the condition of the coating and carry out preventive maintenance every year, in accordance with professional rules and regulations in force on the date of delivery of the Products within the geographical scope of application of the Guarantee as defined in Appendix A (such as the DTU (statutory technical guidelines), regulations and standards, technical advisory notes, professional rules and the Vendor's documentation, in particular the "Maintenance manual", the "User manual Organic coated steels" and "Technical data sheets Organic coated steels", which may be found on our website at [http://industry.arcelormittal.com/6?id\\_product=63](http://industry.arcelormittal.com/6?id_product=63), or requested from ArcelorMittal technical support); the Beneficiary shall ensure that these recommendations are communicated to its own potential customers.

## V. EXCLUSIONS FROM THE GUARANTEE

### 5.1 This Guarantee does not cover defects resulting from:

- Transport, storage, handling, manipulation, processing, use and/or maintenance of the Products by the Beneficiary, and/or any other person participating in all or part of the execution of these various tasks, where they are not carried out in accordance with:
  - The requirements indicated in Section IV above, and
  - Professional rules and regulations in force on the date of delivery of the Products within the geographical scope of application of the Guarantee as defined in Appendix A (such as the DTU (statutory technical guidelines), regulations and standards, technical advisory notes, professional rules and the Vendor's documentation, in particular the "Maintenance manual", the "User manual Organic coated steels" and "Technical data sheets Organic coated steels", which may be found on our website at [http://industry.arcelormittal.com/6?id\\_product=63](http://industry.arcelormittal.com/6?id_product=63), or requested from ArcelorMittal technical support).
- Any action carried out by the Beneficiary and/or any other person designated by the Beneficiary, such as cutting and drilling. Moreover, any rusting of the coating caused by the presence of metal particles as a result of the above-mentioned operations shall not be covered by this Guarantee.
- The assembly of organic coated Products by the Beneficiary or any other person designated by the Beneficiary with materials that produce a galvanic couple or a potential difference.
- Any damage resulting from an external cause such as pollution, fire, smoke and/or accidental leakage giving rise to corrosive fumes, or any event due to force majeure, and, in general, any cause unconnected with the Vendor's manufacturing process.
- Any damage such as cracking of the coating system resulting from inappropriate processing or profiling conditions (e.g. excessively low temperature).
- Defects resulting from severe processing conditions, such as stamping or bending, which exceed the performance characteristics given in the technical data sheets of the Products.
- Defects resulting from stamping, bending and profiling operations with steel elongation in the major direction greater than 30% and/or steel shrinkage in the minor direction greater than -10%, if the product ordered by the Beneficiary is other than Granite® Flex or Granite® HDX.
- Defects associated with aggressive washing and/or cleaning operations (including mechanical or chemical damage).

Moreover, this Guarantee does not cover:

- The appearance of corrosion from the reverse side of the panels and interior parts of the transverse and longitudinal overlappings, or the appearance of any other effects due to the ambience inside the building.
- The appearance of corrosion on the external skin of sandwich panels, caused by a corrosive interior ambience and insufficiently tight junctions between the panels.
- Materials exposed to the seafront, as defined in Appendix C.

- Overhangs or open buildings, such as canopies, where there is a risk of condensation on the inside part of the roof. In this case, a specific guarantee will be considered based on the environmental questionnaire, and the recommendation for the Product specification will be a double-sided organic coated steel.
- Roofing with slope less than 5%.
- Products subjected either continuously or intermittently to:
  - An environment with a high concentration of aggressive or corrosive chemical compounds likely to attack organic coated metal through condensation or seepage (e.g. smoke emissions containing sulphurous fumes, acidic or alkaline emissions from certain factories),
  - Abnormally high and concentrated surface temperatures,
  - Other specific conditions such as pollution, sand storm, use outside the scope of application of the Guarantee.

5.2 The Guarantee shall be terminated if the nature of the environment and the conditions of exposure and use worsen with regard to those defined in the scope of application, as specified in the tables in Section II and Appendix B.

## VI. IMPLEMENTATION OF THE GUARANTEE

Any claim under this Guarantee shall only be made after full payment of the amount invoiced by the Vendor, and shall immediately be delivered by registered letter requiring acknowledgement of receipt, from the date the defects have affected at least 5% of the total exterior surface of the roofing and/or cladding of the building and, irrespective of the circumstances, prior to the date the defective areas spread to more than 10% of the surface, at the risk of a lapse of rights.

This letter, which should be accompanied by the guarantee certificate, where such certificate has been issued by the Vendor to the Beneficiary, and the invoice, shall be sent to the Vendor's Commercial Department at the address given in Appendix E.

The Beneficiary must also communicate all information that will enable the Vendor to identify the Products (e.g. order number, invoice number, coil reference numbers, delivery date, completion date of the building etc) and all elements enabling the analysis of the claim, including proper inspection of the Products subject to a claim, and which the Vendor reserves the right to request.

## VII. SPECIFIC CONDITIONS

Except for additional guarantees granted by the Vendor in writing in a separate document, this Guarantee is limited to the terms and conditions contained in the present document.

## VIII. AUTHORISED JURISDICTION AND APPLICABLE LAW

In the case of an international sale, Belgian law shall be the only law applicable to the present Guarantee and to any disputes that may arise between the Vendor and the Beneficiary. The courts of Brussels shall have sole and exclusive jurisdiction in the event of any disputes arising in connection with this Guarantee. The Vendor reserves the right, however, to bring any dispute involving the Beneficiary before the courts of the Beneficiary's jurisdiction of incorporation.

Any disputes relating to domestic sales shall be brought exclusively before the courts of the capital of the country in question.

Done at \_\_\_\_\_ on \_\_\_\_\_ 201\_\_\_\_\_

The Beneficiary of the Guarantee<sup>1</sup>

\_\_\_\_\_

*If the Beneficiary does not return the present document duly dated, initialled and signed by the authorised person(s) within thirty (30) days at the latest of the date of its receipt, the terms and conditions of the present document shall be deemed to have been expressly accepted in full by the Beneficiary.*

<sup>1</sup> Company stamp

Name and signature of the authorised person(s)

Preceded by handwritten note: "Read and approved"



**APPENDIX A**  
**GEOGRAPHICAL SCOPE OF THE GUARANTEE**

- Coordinates of **Zone 1** (within Geographic Europe):
  - Above 42° north parallel
  - Below 66° north parallel
  - East of 12° west longitude
  - West of 60° east longitude

\* The following added geographical areas are classed as **Zone 1 for the aesthetic guarantees**:  
 Iceland, Kazakhstan and Russia

- Coordinates of **Zone 2** (within Geographic Europe):  
 Below 42° north parallel and above 37° north parallel and East of 12° west longitude and West of 25° east longitude  
 \* Southern part of Spain, which is outside the Zone 2 coordinates, is covered by this Guarantee

\* The following added geographical areas are classed as **Zone 2 for the aesthetic guarantees**:  
 Armenia, Azerbaijan, Georgia, Tajikistan and Turkey

**In the event of any discrepancy between the map and the "coordinates", the "coordinates" shall prevail.**



## APPENDIX B

## Colour classification by category

$L^* > 80$	$C^* < 10$	Category 1
	$10 \leq C^* < 20$	Category 2
	$20 \leq C^* < 30$	Category 3
	$C^* \geq 30$	Category 4
$60 < L^* < 80$	$C^* < 10$	Category 2
	$C^* < 25$ and $-11 < A^* < +11$ and $-5 < B^* < +25$	Category 2 <i>Otherwise higher category</i>
	$C^* < 30$ and $-16 < A^* < +16$ and $-5 < B^* < +25$	Category 3 <i>Otherwise higher category</i>
	$C^* \geq 30$	Category 4
$L^* < 60$	$C^* < 30$	Category 3
	$C^* \geq 30$	Category 4

$$C^* = (A^{*2} + B^{*2})^{1/2}$$

Category 1: light colours  
 Category 2: medium colours  
 Category 3: dark colours  
 Category 4: sharp colours  
 Category 5: metallised colours

\* Colour measurements completed at CIELAB\* 76 on a spectroradiometer 0/45°, illuminant D65

## APPENDIX C

## DEFINITIONS OF EXTERNAL ENVIRONMENTS

## I. ALTITUDE OF 900 METRES OR LESS

- **Rural unpolluted environment**  
Environment corresponding to the exterior of buildings in a rural area, with no specific pollution, comprising mainly smoke emissions containing sulphurous fumes (oil-fired heating).
- **Normal urban or industrial environment**  
Environment corresponding to the exterior of buildings located in urban agglomerations and/or an industrial environment comprising one or more factories that produce gases and fumes, thus creating a slight rise in atmospheric pollution without, however, being a source of corrosion associated with a high concentration of chemical compounds.
- **Severe urban or industrial environment**  
Environment corresponding to the exterior of buildings located in urban agglomerations and/or an industrial environment with a high concentration of chemical compounds, being a source of corrosion (industrial environment comprising principally incineration factories, distilling industries, cement works, paper mills), either on a continuous or intermittent basis.
- **Marine environments**
  - Environment corresponding to the exterior of buildings located **between 3 and 20 km** from the coast
  - **Coastal:** environment corresponding to the exterior of buildings located between 1 and 3 km from the coast, with the exclusion of direct attack from sea water (seafront). This zone has been extended to 300 m from the coast for Granite® HDX product only (direct attack of sea water excluded).
  - **Seafront:**
    - Zone where sea water is capable of spraying, either partially or momentarily, the buildings constructed partly or wholly with the Products
    - Zone where sea spray has a direct action on the buildings constructed either partly or wholly with the Products
  - **Mixed environment:** environment corresponding to the combination of both a marine coastal environment and a normal or severe urban and industrial environment.

## II. ALTITUDE ABOVE 900 METRES AND SPECIAL ENVIRONMENTS

- **Strong UV special environment**  
Environment of buildings subjected to strong UV rays (environment corresponding to exterior of buildings, particularly those located in towns at altitudes above 900 metres or in the overseas departments and territories between the 37<sup>th</sup> North parallel and the 37<sup>th</sup> South parallel).
- **Specific special environment**  
Environment in which the severity of the types of exposure described in I/ and II/ above is increased due to certain effects, notably that of abrasion, high temperature, high hygrometry, significant dust deposits, seafront sea spray etc.

## APPENDIX D ENVIRONMENTAL QUESTIONNAIRE

Only required in the event that the Granite® Automatic Guarantee does not apply.

The questionnaire is to be completed by the customer and returned to the Vendor's Commercial Department with a view to granting the present Guarantee. Only questionnaires duly completed in full and signed by the customer shall be taken into consideration.

### I. CUSTOMER'S PARTICULARS

CORPORATE NAME:

BUSINESS ACTIVITY:

CONTACT DETAILS:

Address

Telephone

Fax

E-mail address

CONTACT PERSON:

### II. BUILDING CHARACTERISTICS

#### PLANNED OPERATION(S)

- Complete construction of a building
- Extension to an existing building
- Extension of an existing building originally constructed with materials supplied by the Vendor (in this case, specify references of the order(s) concerned: delivery date, order number and quantity delivered)

#### ALLOCATION AND DESTINATION OF THE BUILDING

Building

- For residential use
- Industrial
- Agricultural
- Other (specify any other purpose)

Activity inside the building

Specify the nature of the activity to be carried out in the building

- Presence and/or use and/or storage of chemical products

Specify the nature of the chemical products used or stored

- Presence and/or use and/or storage of fermentation products

Specify the nature of the fermentation products used or stored

- Presence of animals inside the building

Specify which animals

**Emission of gas, smoke and fumes, humidity inside the building:**

Is there gas or vapour release?

- Yes  
 No

Specify their nature and content in the interior ambience

Type of heating (fuel oil etc)

**What equipment is available for the discharge of smoke and fumes:**

- extractor  
 chimney  
 natural ventilation  
 forced ventilation

other?

**Humidity rate inside the building:**

- low  
 medium  
 high  
 very high

**Is there a condensation risk inside the building?**

- Yes  
 No

**DESTINATION OF THE PRODUCTS THAT THE CUSTOMER PLANS TO ORDER** **Roofing**

ROOFING TYPE		SUBSTRATE THICKNESS	COLOUR REQUIRED	ARCELORMITTAL TRADEMARK FOR THE ORGANIC COATED STEEL	METALLIC COATING	SURFACE (m <sup>2</sup> )	ROOF SLOPE
DRY ROOFING	Top side						
	Bottom side						
DOUBLE SKIN	External skin						
	Internal skin						
SANDWICH PANELS OR BUILT-UP SYSTEM	External skin						
	Internal skin						
	Insulation		<input type="checkbox"/> PU foam or <input type="checkbox"/> mineral wool etc				

Overlapping?

- Yes  
 No

 **Cladding**

CLADDING TYPE		SUBSTRATE THICKNESS	COLOUR REQUIRED	ARCELORMITTAL TRADEMARK FOR THE ORGANIC COATED STEEL	METALLIC COATING	SURFACE (m <sup>2</sup> )
SINGLE SKIN	Top side					
	Bottom side					
DOUBLE SKIN	External skin					
	Internal skin					
SANDWICH PANELS OR BUILT-UP SYSTEM	External skin					
	Internal skin					
	Insulation		<input type="checkbox"/> PU foam or <input type="checkbox"/> mineral wool etc			

### III. BUILDING ENVIRONMENT

#### SPECIFY THE GEOGRAPHICAL LOCATION OF THE BUILDING

#### Setting up of the construction site

Corporate name of the builder/project manager

#### Contact details

Site address

Telephone

Fax

E-mail address

Site manager contact

#### The building is located:

- In a rural area
- In proximity to building(s) housing animals  
Specify the distance from the site:
- In proximity to building(s) storing fermentation products  
Specify the distance from the site:
- In proximity to generators of oil heating fumes  
Specify the distance from the site:
- In proximity to urban agglomerations and/or an industrial environment comprising several factories that produce gas and/or smoke and/or fumes.  
Specify the distance from the site and the type of gas, smoke or fumes:
- In proximity to urban agglomerations and/or an industrial environment mainly comprising refineries, incineration factories, distilling industries, cement works, paper mills, laboratories  
Specify the distance from the site and the type of release:   
Are the gas, smoke or pulverulent releases carried by prevailing winds?  
 Yes  
 No
- In proximity to the seafront: exterior of the building located less than 1 km from the coast with the exclusion of direct attack from sea water, and of direct action of sea spray on the building
- In proximity to the seafront: exterior of the building located less than 1 km from the coast with partial or momentary attack from sea water and/or direct action of sea spray on the building
- In a coastal environment: exterior of the building located between 1 and 3 km from the coast with the exclusion of direct attack from sea water, and of direct action of sea spray on the building
- In a coastal environment: exterior of the building located between 1 and 3 km from the coast with the exclusion of direct attack from sea water, and/or exclusion of direct action of sea spray on the building
- In a marine environment (exterior of the building located between 3 and 20 km from the coast)
- In a mixed environment (combination of both a marine coastal environment and a normal or severe urban and industrial environment)
- In a specific special environment (combination of above exposure and certain additional effects, such as abrasion, high temperature, high hygrometry, significant dust deposits etc)

#### ALTITUDE

- Above 900 metres
- Below 900 metres

**SUNSHINE**

- Significant
- Average
- Poor

**RAINFALL FREQUENCY**

- Significant
- Average
- Poor

**FREQUENCY OF SNOWFALL**

- Significant
- Average
- Poor

**IV. OTHER MATERIALS USED**

- Roofing and/or cladding made entirely with the Product
- Use of other materials, notably cement, breeze blocks

In roofing (specify the type of material and the surface covered)

In cladding (specify the type of material and the surface covered)

**V. ADDITIONAL INFORMATION / COMMENTS**

Done at  on

Identity of the customer <sup>(1)</sup> <sup>(2)</sup>

(1) Company stamp

(2) Name and signature of the authorised person

# CERTIFICATE OF GUARANTEE



N° \_\_\_\_\_

The present certificate is issued by the Vendor following a favourable examination and analysis of the questionnaire in Appendix D of the Guarantee, and under the conditions and subject to the restrictions herein and in its appendices.

Beneficiary:

\_\_\_\_\_

Site Address:

\_\_\_\_\_

Beneficiary's order no.	No. Vendor's acknowledgement of receipt of order	Type of Products used	Quantity delivered	Date of shipment or availability of the Products	Guarantee granted	Duration of the Guarantee (in years)*
					<input type="checkbox"/> <b>Non-perforation of the sheet metal</b>	
					<input type="checkbox"/> Other guarantee granted (to be specified)	

\* from the date specified in the column "Date of shipment or availability of the Products" of the present certificate

The Vendor's General Conditions of Sale form an integral part of this Guarantee.

Done at \_\_\_\_\_ on \_\_\_\_\_ 201\_\_\_\_\_

The Vendor:

\_\_\_\_\_

The Beneficiary of the Guarantee:

\_\_\_\_\_

If the Beneficiary does not return the present document duly dated, initialled and signed by the authorised person(s) within thirty (30) days at the latest of the date of its receipt, the terms and conditions of the present document shall be deemed to have been expressly accepted in full by the Beneficiary.

## APPENDIX E

ArcelorMittal Contact List

<http://industry.arcelormittal.com/agencies>



### ArcelorMittal Europe – Flat Products

24-26, boulevard d'Avranches

L-1160 Luxembourg (Luxembourg – Grand Duchy)

Société Anonyme à Conseil d'Administration au capital de 2.480.000 €

LUXBG B 2.050

[flateurope.arcelormittal.com](http://flateurope.arcelormittal.com)