



Granite[®]

Automatic Guarantee



1 JANUARY 2025 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.

This document replaces the previous version from January 2022.

This document has a maximum validity period of 5 years.

1. OBJECT OF THE GUARANTEE

This guarantee (hereinafter the "Guarantee") applies to the supply by ArcelorMittal Flat Carbon Europe S.A.⁽¹⁾ (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 sectional doors, but excluding shutter doors) or exterior roofing (including tile panels, but excluding gutters⁽²⁾, junction elements and roof accessories) of buildings located in the European geographical area, as 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, Malta, 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.

For agricultural buildings, please refer to the automatic guarantee for Agricultural buildings.

The Vendor declares that the characteristics of the organic 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 2 – 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.
For Granite® HDXtreme, the Vendor guarantees a functional behaviour of the cut edges for the whole guarantee period without additional reprotection, even if a limited edge peeling may occur due to normal weathering. During the first ten years, the Vendor guarantees 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.
- 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, if the same single order items are used.
 - Differences in colour and gloss within the limits specified in Section 2 – Table: Duration of the guarantee for aesthetic properties, colour / gloss.

This guarantee applies only to original pre-painted Products and not to any paint coatings or other finishes that may be applied to the panels under customer responsibility.

Note:

- According to the EN 10169 standard, the colour measurement methods do not give reliable values in the case of metallic, pearlescent or saturated colours and textured, embossed or streaked finishes.
- According to the EN 10169 standard, the gloss measurement method does not give reliable values in the case of embossed, textured, metallic or pearlescent finishes. The gloss retention is normally not applicable to matt finishes with a gloss unit lower than 10, using a 60° head according to the EN 10169 standard.

(1) and/or by an ArcelorMittal Commercial Local Buy/Resell entity (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 systems, another guarantee applies.



2. 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)

For roofs supporting fixed photovoltaic and solar modules, the conditions are described in Appendix D.

Coating finish on the exposed side	metal coating minimum	Thickness ^(a)	External environment								Strong UV	Specific
			Rural		Urban and/or Industrial		Industrial		Marine			
			Unpolluted	Moderate pollution	High pollution	Severe pollution ^(b,c,d)	3 to 20 km	1 to <3 km	300 m to <1 km ^(b,c,d)	Mixed or < 300 m ^(b,c,d)		
Corrosivity category as per EN 10169			C2	C3	C4	C5	C3	C4	C5	C5		
Corrosivity			low	medium	high	very high	medium	high	very high	very high		
Granite® Standard ⁽¹⁾	Z225 / ZM100	25 µ	10	10	NG	NG	10	NG	NG	NG	NG	NG
Granite® HD ⁽¹⁾	Z225 / ZM100	25 µ	10	10	NG	NG	10	NG	NG	NG	10	NG
Granite® Flex ⁽¹⁾	Z225	25 µ	15	15	NG	NG	15	NG	NG	NG	NG	NG
Granite® PVDF	Z225 / ZM100	25 µ	15	15	NG	NG	15	NG	NG	NG	10	NG
Granite® Deep Mat Granite® Impression	Z225 / ZM100 Z225	35 µ	15	15	E	NG	15	E	NG	NG	10	E
Granite® PVDF ⁽²⁾	Z225 / ZM120	35 µ	20	20	E	E	20	10	NG	E	15	E
Granite® HDS ⁽²⁾	Z225 / ZM120											
Granite® Deep Mat ⁽²⁾	Z225 / ZM120											
Granite® HDS Mat Grained ⁽²⁾	Z275											
Granite® Quartz ⁽²⁾	Z275 / ZM120	45 µ										
Granite® HDX ⁽²⁾	Z225	55 µ	25	20	15	E	20	10	NG	E	15	E
Granite® HDX ^{(3) (4)}	Z275 / ZM120	55 µ	35	30	20	E	30	20	15	E	15	E
Granite® Storm ^{(3) (4)}	Z275 / ZM120	50 µ										
Granite® HDXtreme ^{(3) (5)}	Z275	70 - 75 µ	40	35	25	E	35	25	20	10	20	E

(1) Applicable on metal coating minimum: Z200 for Spain & Portugal (authorised by national regulations and European standard)

(2) Backing coat 10 µ minimum mandatory (please refer to the exclusion n°11 in chapter 5.1)

(3) For C2 to C4 environment, backing coat 12 µ minimum mandatory for sandwich panels and for other building components (single skins or double skins) (please refer to the exclusion n°11 in chapter 5.1)

(4) For C5 environment, backing coat 12 µ minimum mandatory for double-skin or sandwich panels and double-sided systems mandatory for single-skin

(5) For C5 environment, backing coat 12 µ minimum mandatory for sandwich panels and backing coat 25 µ minimum mandatory for single skin and double skins, when non-aggressive activity inside

NG No guarantee, unsuitable coating.

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

(a) Nominal thickness, tolerance according to EN 10169 standard

(b) For C5 environments, steel thicknesses > 1 mm are excluded.

(c) For C5 environments, for metallised colours, except for Granite® HDXtreme Satin, the guarantee is not automatic. Will be provided only after receipt of questionnaire and with manufacturer's agreement.

(d) For C5 environment, Granite® HDXtreme Sparkling is excluded.

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

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

The aesthetic guarantee does not apply in the particular case of areas covered with photovoltaic and solar panels. (Please refer to Appendix D).

Product	Colour category ^(a)	ΔE colour deviation & Gloss retention ^(b)	Area A		Area B	
			< 900 m	> 900 m	< 900 m	> 900 m
Granite® Standard - Granite® Flex	1,2	ΔE ≤ 5 GR ≥ 30%	5	NG	NG	NG
	3		2	NG	NG	NG
Granite® HD - Granite® Deep Mat ^(c)	1,2,3	ΔE ≤ 3 GR ≥ 50%	5	2	5	NG
	4,5		2	NG	2	NG
Granite® HDS Mat Grained ^(c)	1,2,3	ΔE ≤ 3 GR ≥ 80%	5	5	5	5
	4,5		2	2	2	2

Product	Colour category ^(a)	ΔE colour deviation & Gloss retention ^(b)	Area A	Area B	ΔE colour deviation & Gloss retention ^(b)	Area A	Area B
Granite® HDS - Granite® Quartz ^(c) - Granite® Impression ^(d) - Granite® PVDF 25 / 35	1,2,3		5	5		7	7
	4,5		2	2		5	5
Granite® HDX - Granite® Storm ^(c)	1,2	ΔE ≤ 3 GR ≥ 80%	5	5	ΔE ≤ 5 GR ≥ 50%	10	10
	3		5	5		10	7
	4,5		2	2		10	7
Granite® HDXtreme ^(c)	1,2,3,4 & 5		7	7		12 ^(e)	12 ^(e)

NG No guarantee, unsuitable coating.

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

(a) Colour category definition: see Appendix B.

(b) Valid for the standard gloss defined in the Product Data Sheets.

(c) For matt products (< 10 GU), the gloss retention requirement does not apply.

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

(e) Except for C5 environments below 300 m from the seafront, where a duration of 10 (ten) years applies.

The aesthetic properties guarantee, colour/gloss, covers uniform ageing of the colour for the same exposure and the same facade, if the same single order items are used.

3. 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
Date on which the Beneficiary claims under the Guarantee	P: contribution of ArcelorMittal Flat Carbon Europe S.A. G: total duration of the Guarantee (in years) R: 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

4. 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", "Technical data sheets Organic coated steels" and the document "Storage of pre-painted steel products, best practices to ensure long-lasting performance", which may be found on our website at https://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 for longer than six (6) months following delivery.
- In case the Products are delivered with a temporary protection film, they have to be used within 3 months and stored inside.
- The Product shall be stored at an ambient temperature close to 20°C.
- If the transport and/or storage temperature is lower than 20°C, the material must be transferred to a location at a temperature close to 20°C, 24 hours minimum prior to processing.

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 https://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.

The right paint system and the right metallic coating must be selected depending on the flexibility requirement of the component.

The profile design must respect the flexibility of the Product (T-bend index specified in the Product technical data sheet).

The T-bend index is defined as follows:

$T\text{-bend index} = (\text{outer radius of curvature} - \text{steel thickness}) / \text{steel thickness}$, with the same steel thickness after profiling or stamping.

The following table gives the **T-bend index** based on the outer radius of curvature and the thickness of the part:

As examples, the conditions not covered by the guarantee for 2 T products (in red) and for 3 T products (in blue)

Thickness (mm)	Outer radius (mm)						
	0.80	1.00	1.25	1.50	2.00	2.50	3.00
0.45	0.8 */**	1.2 */**	1.8 */**	2.3 *	3.4	4.6	5.7
0.50	0.6 */**	1.0 */**	1.5 */**	2.0 *	3.0	4.0	5.0
0.55	0.5 */**	0.8 */**	1.3 */**	1.7 */**	2.6 *	3.5	4.5

* conditions not covered by the Guarantee for 3 T products

** conditions not covered by the Guarantee for 2 T products

Special attention will be paid to tile applications for the selection of the Product. In particular, in the specific case of roofing tile applications:

- The tile design must not result in water retention.
- The design of the tool and the processing conditions must prevent the formation of wrinkles and/or friction marks.
- The forming must be achieved at an ambient temperature close to 20°C, to ensure the best performances of the Products.

More generally, 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. In particular, the slope of the roof shall be a minimum of 5% (2.86°) if there is no overlapping, or 7% (4°) with overlapping. For PV roofs, please refer to Appendix D.
- The detrimental assembly of the Products with incompatible materials.
- Improper usage of the Products.

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.

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 cleaning.
- Specifically for Granite® HDXtreme, a regular maintenance is recommended, but only required annually in C4 and C5 environments.

For buildings located in a coastal environment with partial or momentary attack from sea water and/or direct action of sea spray on the building, regular washing has to be done at least once per year, to avoid salt accumulation. The Beneficiary shall provide evidence of such cleaning.

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 sectional doors. Cleaning with water and neutral 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 "User manual Organic coated steels" and "Technical data sheets Organic coated steels", which may be found on our website at

https://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.

5. EXCLUSIONS FROM THE GUARANTEE

5.1 This Guarantee does not cover defects resulting from:

- .1 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 4 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 "User manual Organic coated steels" and "Technical data sheets Organic coated steels", which may be found on our website at https://industry.arcelormittal.com/6?id_product=63, or requested from ArcelorMittal technical support).
- .2 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.
- .3 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.
- .4 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 an act of God or force majeure, and, in general, any cause unconnected with the Vendor's manufacturing process.
- .5 Any damage, such as cracking of the coating system, resulting from inappropriate processing or profiling conditions (e.g. excessively low temperature).
- .6 Severe processing conditions, such as stamping or bending, which exceed the performance characteristics given in the technical data sheets of the Products (e.g. too small radii, no appropriate lubrication).
- .7 Aggressive washing and/or cleaning operations (including mechanical or chemical damage).
- .8 Contact with soil, fertilisers.
- .9 Waste accumulation without proper removal.
- .10 Eddy currents and/or stray currents.

Moreover, this Guarantee does not cover:

- .11 Overlaps and defoamed areas when backing coats with a thickness lower than the one defined in the table "Duration of the guarantee for non-perforation of the sheet metal and for non-delamination of the paint film" are used, meaning:
 - For sandwich panels: backing coat lower than 12 μ , whatever the corrosion category as per EN 10169
 - For other building components (single-skin or double-skin products):
 - for C2 to C4: reverse side lower than 12 μ ,
 - for C5: reverse side lower than 25 μ .
- .12 The appearance of corrosion from the reverse side of the panels for single skins or double skins, when backing coat of 12 μ (or lower) is used in environments C2 to C4.
- .13 The appearance of corrosion on the external skin of sandwich panels, caused by a corrosive interior ambience and insufficiently tight junctions between the panels.
- .14 Defects resulting from the application of an anti-condensation felt or any other condensation regulator (vapour barrier etc).
- .15 Materials exposed to the seafront, as defined in Appendix C, except for Granite® HDXtreme. In that case, direct contact with sea spray is excluded from the guarantee, unless regular washing is performed to avoid salt accumulation. The Beneficiary shall provide evidence of such washing.
- .16 For buildings located in C5 in a marine environment, steel thicknesses higher than 1 mm are excluded.
- .17 Areas subject to run-off from zinc, lead or copper flashings or areas in contact with zinc, lead or copper.
- .18 Any area of the Product used in direct contact with, or in close proximity to, humid and corrosive materials, such as humid concrete or humid timber.
- .19 Damages such as scratches, whether they were made during the handling of the Products, the shipment, the storage, the fabrication, the mounting phase or the life of the Product.
- .20 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 and annual cleaning of the underside.
- .21 Roofing with slope less than 5% (2.86°) if there is no overlapping, or 7% (4°) with overlapping. For roofs with a solar energy generation system, please refer to Appendix D.
- .22 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, ash, cement dust or animal waste),
 - Abnormally high and concentrated surface temperatures,
 - Other specific conditions such as extreme 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 2 and Appendix B.

6. 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, when 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 F.

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.

7. 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.

8. 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.

The Client represents and warrants that it will comply (at no additional cost to ArcelorMittal) with all applicable laws, including those concerning corruption, money-laundering, the payment of bribes, tax evasion, and trade and economic sanctions, including regulations relating to the USA and Europe.

The Client must maintain all records necessary pursuant to such laws and, on request, must promptly make these available for inspection by any relevant authority that is entitled to inspect them and by ArcelorMittal (or its authorised representative).

The Client undertakes to ensure that:

- (i) no products, services or technology will be provided, sold, supplied or transferred for use, directly or indirectly, in breach of any applicable economic sanction laws; and
- (ii) no persons or entities on an official sanction list under applicable trade sanction laws, notably under any embargoes from any international or national organisations or from any States, are or will be involved in or could benefit from the products supplied by ArcelorMittal or benefit from contractual relationships between the Client and ArcelorMittal.

ArcelorMittal may terminate any contract or agreement, including this Guarantee, without any liability to ArcelorMittal, if the Client has acted in breach of this section, or if ArcelorMittal has reasonable grounds to suspect that the Client has acted in breach of this section, without prejudice to any claims by ArcelorMittal for any loss or expense incurred as a result of such a breach, for which the Client shall indemnify and hold ArcelorMittal harmless.

Done at _____ on _____ 20_____

The Beneficiary of the Guarantee¹

The terms and conditions of this Guarantee will enter into force as follows: i) the Client shall return this document duly dated, initialled and signed by the authorised person(s) within thirty (30) days of the date of its receipt; or ii) this document shall be deemed to have been tacitly accepted in full by the Beneficiary upon expiry of the period of thirty (30) days from the date of its receipt.

ArcelorMittal may cancel the Guarantee if it does not receive payment for coils within three (3) months of delivery.

¹ Company stamp

Name and signature of the authorised person(s)

Preceded by handwritten note: "Read and approved"



**APPENDIX A
GEOGRAPHICAL SCOPE OF THE GUARANTEE**

- AREA A - Northern Europe:**
 - Below 66° north parallel
 - East of 12° west longitude
 - West of 60° east longitude
- * Guarantee extended to Iceland

- AREA B - Southern Europe:**
 - Portugal, Spain, Corsica, Albania, Greece, Republic of Macedonia, Malta
 - The southern part of Italy (the Lazio and Abruzzo regions and below)
- * Guarantee extended to Armenia, Azerbaijan, Georgia, Tajikistan and Turkey

APPENDIX B Colour classification by category

L* > 80	C* < 10	Category 1
	10 ≤ C* < 20	Category 2
	20 ≤ C* < 30	Category 3
	C* ≥ 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* ≥ 30	Category 4
L* < 60	C* < 30	Category 3
	C* ≥ 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 spectrophotometer 0/45°, illuminant D65

APPENDIX C DEFINITIONS OF EXTERNAL ENVIRONMENTS

1. 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.

2. 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 37th North parallel and the 37th South parallel).
- **Specific special environment**
 Environment in which the severity of the types of exposure described in 1/ and 2/ above is increased due to certain effects, notably that of abrasion, high temperature, high hygrometry, significant dust deposits, seafront sea spray etc.

APPENDIX D

GUARANTEE FOR SOLAR ENERGY GENERATION SYSTEMS

This Guarantee applies to Fixed Photovoltaic Modules & Fixed Solar Thermal Modules.

- Integrated photovoltaic solutions, like glued and colaminated photovoltaic modules, are excluded from the scope of this Guarantee.
- This Guarantee is valid for roofing, including modular tile panels.
- This Guarantee does not apply to sunshades and solar carports.

The Guarantee is valid for all the product range described in the table 2.1.

- Non-perforation, non-delamination and the guarantee on edges remain unchanged including under the photovoltaic and solar modules.
- The aesthetic guarantee does not apply in the particular case of areas covered with photovoltaic and solar panels.

This Guarantee for applications related to solar energy generation systems is granted in accordance with the Granite® Automatic Guarantee, subject to the specific requirements below.

- Special conditions for the application of this Guarantee:
The design and construction of the power generation systems and any subsequent possible modifications thereto shall not result in:
 - A gap of less than 40 mm between the PV modules and the bottom of the profile tray.
 - Accumulation of water or debris of any kind, including at the fastenings and under the profile overlaps.
 - Retention of humidity.
 - In particular, the slope of the roof shall be a minimum of 10% (5.71°).
 - Electrical cables must be fixed in such a way as not to obstruct the flow of water drainage and the evacuation of debris of all kinds.
- Exclusions from the Guarantee:
The Guarantee does not cover defects resulting from:
 - inappropriate fastening or design of the photovoltaic panels that contributes to keeping pollution or moisture on the Product surface (water retention, mud etc),
 - inappropriate joining or assembling of the Product, by the Beneficiary or any other person designated by the Beneficiary, using other parts or materials that produce a galvanic couple or a potential difference.
 Furthermore, this Guarantee does not cover:
 - Damage to the coating by the fixing systems (during the initial installation as well as during assembly/disassembly/tightening etc).
 - Defects resulting from water retention and/or permanent humidity and particularly in confined spaces.
 - Defects resulting from waste accumulation under the PV panels and especially in proximity to the fasteners and the electrical cables obstructing the flow of water and the evacuation of debris.
 - Defects resulting from permanent contact between the Product and the back side of photovoltaic panels.
 - Design with a gap of less than 40 mm between the PV module and the steel sheet.
 - Any damage or the appearance of corrosion resulting from drilling the Product, carried out by the Beneficiary or any other person, for the assembly of photovoltaic panels or brackets used to support the photovoltaic panels.
 - Roofing with a slope of less than 10% (5.71°).
 - Any defect to the panel resulting from incorrect design of the panel assembly system, namely poor tightness of the joints.
 - Defects coming from the inner side of the profiles when anti-condensation felts or membrane are applied.
 - Any defects linked to Eddy currents and/or stray currents.
 - Evolution of the appearance (colour deviation and gloss retention) underneath the PV power panel compared to the parts not covered with panels.

APPENDIX E 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 a specific Guarantee. Only questionnaires duly completed in full and signed by the customer shall be taken into consideration.

1. CUSTOMER'S PARTICULARS

CORPORATE NAME:

BUSINESS ACTIVITY:

CONTACT DETAILS:

Address

Telephone

Fax

E-mail address

CONTACT PERSON:

2. 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, the density of animals, the manure management

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

Open building?

- Yes
- No

Roofing

ROOFING TYPE		SUBSTRATE THICKNESS	COLOUR REQUIRED	ARCELORMITTAL TRADEMARK FOR THE ORGANIC COATED STEEL	METALLIC COATING (Z or ZM)	SURFACE (m ²)	ROOF SLOPE
DECKING ROOF	Top side						
	Bottom side						
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

PV/Solar roof?

- Yes
- No

Anti-condensation felt or any condensation regulator?

- Yes
- No

Cladding

CLADDING TYPE		SUBSTRATE THICKNESS	COLOUR REQUIRED	ARCELORMITTAL TRADEMARK FOR THE ORGANIC COATED STEEL	METALLIC COATING (Z or ZM)	SURFACE (m ²)
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			

* top & back sides

3. 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.
Specify the distance:
- 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.
Specify the distance:
- 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 partial or momentary attack from sea water and/or 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

4. 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)

5. ADDITIONAL INFORMATION / COMMENTS

Done at on

Identity of the customer ^{(1) (2)}

(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 E 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"/> Non-perforation of the sheet metal <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 20

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 F

ArcelorMittal Contact List
<https://industry.arcelormittal.com/agencies>

Credits

Cover photograph by ProAcier
 p. 2 DACHPOLL



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