



ArcelorMittal

April 20, 2020

To Whom It May Concern:

**Re: ArcelorMittal Dofasco Product Compliance with LEED® “Heat Island Effect: Roof” Credit**

To highlight our contribution toward the LEED® certification of a building project, we can confirm that several of our organic coated (prepainted) and unpainted metallic coated steels used in roofing and cladding applications comply with the “**Heat Island Effect: Roof**” credit requirements outlined under the **Sustainable Sites** key performance category of the LEED® rating system. The ArcelorMittal Dofasco products and associated solar reflectance index (SRI) values are listed in tables on the following pages.

Please feel free to contact me at 800-816-6333 ext. 6657 if you have any other questions regarding steel as a green building material in residential and commercial construction.

Sincerely,

A handwritten signature in black ink, appearing to be 'SL' with a flourish.

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ARCELORMITTAL DOFASCO

Revised: April 2020

SOLAR REFLECTANCE INDEX (METALLIC AND ORGANIC COATINGS) <sup>4</sup>

COATING TYPE	PRODUCT NAME OR PAINT SERIES	PAINT COLOUR	QUALITY CONTROL (QC) NUMBER	SOLAR REFLECTANCE INDEX (SRI) <sup>(1)</sup>		LEED® v4 COMPLIANCE	
				GALVANIZED	GALVALUME	STEEP SLOPE ROOF <sup>(2)</sup> (SRI min 29) ==> min 39	LOW SLOPE ROOF <sup>(2)</sup> (SRI min 78) ==> min 82
UNPAINTED METALLIC COATED	GALVALUME <sup>(3)</sup>	N/A	N/A		75	✓	
	GALVALUME PLUS	N/A	N/A		62	✓	
	GALVANIZED STEEL <sup>(3)</sup>	N/A	N/A	46		✓	
ORGANIC COATED	PERSPECTRA™ PLUS SERIES	WHITE WHITE	28317	65	74	✓	
		BONE WHITE	28273	57	66	✓	
		BRIGHT WHITE	28783	77	88	✓	✓
		CAMBRIDGE WHITE	28695	72	84	✓	✓
		ANTIQUE LINEN	28696	66	78	✓	✓
		USDA WHITE	28464	71	81	✓	✓
		PUTNAM IVORY	28076	63	71	✓	
		POLAR WHITE	28008	67	77	✓	
		WHITE	28180	68	77	✓	
		IMPERIAL WHITE	28154	68	75	✓	
		BONE	28149	71	80	✓	✓
		CHARCOAL	28306	29	38		
		STONE GRAY	28305	51	62	✓	
		TAN	28315	36	44	✓	
		REGENT GRAY	28730	40	46	✓	
		TILE RED	28529	31	37		
		METRO BROWN	28228	25	37		
		MAHOGANY BROWN	28719	32	39	✓	
		GOLD	28276	49	56	✓	
		BUCKSKIN	28055	39	49	✓	
		BEIGE	28021	64	72	✓	
		PEBBLE KHAKI	28129	45	54	✓	
		ASH GRAY	28186	44	53	✓	
		LIGHT STONE	28086	57	67	✓	
		HERON BLUE	28330	21	31		
		SLATE BLUE	28260	29	32		
		BRITE BLUE	28790	27	40	✓	
		GREEN	28329	27	33		
		PACIFIC TURQUOISE	28258	27	37		
		MIST GREEN	28256	37	40	✓	
SAPPHIRE BLUE	28261	48	59	✓			
BRIGHT RED	28386	41	50	✓			
INTERNATIONAL ORANGE	28234	51	62	✓			

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COATING TYPE	PRODUCT NAME OR PAINT SERIES	PAINT COLOUR	QUALITY CONTROL (QC) NUMBER	SOLAR REFLECTANCE INDEX (SRI) <sup>(1)</sup>		LEED® v4 COMPLIANCE	
				GALVANIZED	GALVALUME	STEEP SLOPE ROOF <sup>(2)</sup> (SRI min 29) ==> min 39	LOW SLOPE ROOF <sup>(2)</sup> (SRI min 78) ==> min 82
ORGANIC COATED	METALLIC ELITES	BRIGHT SILVER	2624	60		✓	
		LIGHT PEWTER	2897	73		✓	
		MEDIUM BRONZE	2899	29			
		COPPER MET	3234	47		✓	
		CHAMPAGNE	3263	53		✓	
		AGED COPPER	3645	51		✓	
		PRIMROSE YELLOW	3729	78		✓	✓
		SEAFOAM	3881	34			
		PEWTER	5365	51		✓	
		ORANGE	6637	52		✓	
		SILVER GRAY	6855	59		✓	
		RONA ORANGE	6914	53		✓	
		PREWEATHERED	7257	37			
		SILVER METALLIC	7417	32		✓	
		DARK COPPER	7554	70		✓	
		BRIGHT YELLOW	7660	64		✓	
		MEDIUM GREY	7694	63		✓	
PALE CHAMPAGNE	7762	66		✓			
DARK BROWN	7772	42		✓			
ORGANIC COATED	10000 SERIES	ARCTIC WHITE	195	67		✓	
		FAIR GREEN	201	44		✓	
		BONE WHITE	203	32			
		DARLINGTON WHITE	1051	49		✓	
		TAN	2705	53		✓	
		ANTIQUÉ LINEN	5740	70		✓	
		SNOW WHITE	6477	71		✓	
		CAMBRIDGE WHITE	6946	73		✓	
		IVORY	7233	70		✓	
		WHITE	7237	60		✓	
BRITE WHITE	7245	78		✓	✓		
ORGANIC COATED	BARRIER SERIES	WHITE	1501	88		✓	✓
		BONE WHITE	1508	64		✓	
		TILE RED	1558	33			
ORGANIC COATED	Granite® Deep Mat	Oxide Red	60042	19	39	✓	
		United White	60139	72	83	✓	✓
		Umber Red	60036	33	42	✓	
		Terra Rosso	60038	28	40	✓	

<sup>(1)</sup> Calculated at medium wind condition per ASTM E1980

<sup>(2)</sup> A low slope roof is defined as a roof with a slope ≤2:12; a steep slope roof is defined as a roof with a slope >2:12

<sup>(3)</sup> New, mill passivated, uncoiled, bare metallic coatings

<sup>(4)</sup> Solar reflectance and emissivity values for ArcelorMittal Dofasco organic coated and metallic coated steels were provided by various paint manufacturers and Oak Ridge National Laboratory respectively

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