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16<sup>th</sup> December 2011

**Product Carbon Footprint Certification Letter  
CTC.PAS.2011.00004910**

Carbon Trust Certification Limited ('The Company') certifies that:

Formica Ltd ('You') has calculated the Product Carbon Footprints of the Listed Products sold Business-to-Consumer and marketed in the Listed Geographical Areas, in accordance with PAS 2050: 2008 and the certification requirements of the Footprint Expert™ Guide – version 3.2.

**Table 1. Listed Products and Carbon Footprints - Summary**

This table provides a summary of carbon footprint numbers by product category and region. For a detailed list of certified products specifying finish type and colours available please refer to Table 2.

Product Category	CO <sub>2</sub> e unrounded	CO <sub>2</sub> e rounded	Measurement Metric	Functional Unit
<b>Bonded Laminate Benchtop (UK) (38 mm chipboard and 0.5 mm CPL) - Europe (Axiom, Originals and Topline)</b>	<b>28.01</b>	<b>28.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
<b>Bonded Laminate Benchtop (Finland) (28 mm chipboard and 0.5 mm CPL) - Europe (Axiom, Originals and Topline)</b>	<b>31.59</b>	<b>32.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>

<b>Compact Laminate (2 mm) – Europe (Compactop, VIVIX and Chemtop), Asia (Formica, Chemtop and VIVIX), North America (Chemtop and VIVEX)</b>	<b>12.81</b>	<b>13.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
<b>Compact Laminate (4 mm) – Europe (Compactop, VIVIX and Chemtop), Asia (Formica, Chemtop and VIVIX), North America (Chemtop and VIVEX)</b>	<b>23.47</b>	<b>24.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
<b>Compact Laminate (6 mm) – Europe (Compactop, VIVIX and Chemtop), Asia (Formica, Chemtop and VIVIX), North America (Chemtop and VIVEX)</b>	<b>34.40</b>	<b>34.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
<b>Compact Laminate (8 mm) – Europe (Compactop, VIVIX and Chemtop), Asia (Formica, Chemtop and VIVIX), North America (Chemtop and VIVEX)</b>	<b>51.23</b>	<b>50.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
<b>Compact Laminate (10 mm) – Europe (Compactop, VIVIX and Chemtop), Asia (Formica, Chemtop and VIVIX), North America (Chemtop and VIVEX)</b>	<b>66.87</b>	<b>65.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
<b>Compact Laminate (12 mm) – Europe (Compactop, VIVIX and Chemtop), Asia (Formica, Chemtop and VIVIX), North America (Chemtop and VIVEX)</b>	<b>86.12</b>	<b>85.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
<b>Compact Laminate (13 mm) – Europe (Compactop, VIVIX and Chemtop), Asia (Formica, Chemtop and VIVIX), North America (Chemtop and VIVEX)</b>	<b>94.38</b>	<b>95.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
<b>Compact Laminate (14 mm) – Europe (Compactop, VIVIX and Chemtop), Asia (Formica, Chemtop and VIVIX), North America (Chemtop and VIVEX)</b>	<b>102.95</b>	<b>100.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
<b>Compact Laminate (16 mm) – Europe (Compactop, VIVIX and Chemtop), Asia (Formica, Chemtop and VIVIX), North America (Chemtop and VIVEX)</b>	<b>125.75</b>	<b>130.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
<b>Compact Laminate (18 mm) – Europe (Compactop, VIVIX and Chemtop), Asia (Formica, Chemtop and VIVIX), North America (Chemtop and VIVEX)</b>	<b>145.42</b>	<b>150.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>

Compact Laminate (20 mm) – Europe (Compactop, VIVIX and Chemtop), Asia (Formica, Chemtop and VIVIX), North America (Chemtop and VIVEX)	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
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**Table 2. Listed Products and Carbon Footprints – Detailed List by Region, Finish and Colours Available**

Please refer to Appendices A – E for a guide to this table and a summary of available finishes and colours by region.

**Bonded Laminate Benchtop - Europe:**

Product Category	Finish	No. Colours Available	CO <sub>2</sub> e unrounded	CO <sub>2</sub> e rounded	Measurement Metric	Functional Unit
1. Bonded Laminate Benchtop (UK) (38 mm chipboard and 0.5 mm CPL) - Europe (Axiom, Originals and Topline)	EU-21 - Finewood	3	28.01	28.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-46 - Etchings	17	28.01	28.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-48 – CPL Etchings	9	28.01	28.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	7	28.01	28.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 - Softmat	1	28.01	28.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	5	28.01	28.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-AB – Alto Brillo	24	28.01	28.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CR - Crystal	32	28.01	28.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-FP – Super Gloss	21	28.01	28.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-LS - Lustre	4	28.01	28.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
EU-RW - Riverwash	7	28.01	28.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product	
2. Bonded Laminate Benchtop (Finland) (28 mm chipboard and 0.5 mm CPL) – Europe (Axiom, Originals)	EU-21 - Finewood	3	31.59	32.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-46 - Etchings	17	31.59	32.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-48 – CPL Etchings	9	31.59	32.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	7	31.59	32.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 - Softmat	1	31.59	32.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	5	31.59	32.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

and Topline)	EU-AB – Alto Brillo	24	31.59	32.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CR - Crystal	32	31.59	32.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-FP – Super Gloss	21	31.59	32.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-LS - Lustre	4	31.59	32.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RW – Riverwash	7	31.59	32.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

**Compact Laminate (2 mm) – Europe, Asia and North America:**

Product Category	Finish	No. Colours Available	CO <sub>2</sub> e unrounded	CO <sub>2</sub> e rounded	Measurement Metric	Functional Unit
3. Compact Laminate (2 mm) – Europe (Compactop, VIVIX and Chemtop)	EU-11 – SSM (NDF)	21	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-44 - Shell	4	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-47 – Midgrain	1	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	275	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 - Softmat	20	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-75 - Quarry	10	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	2	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-90 - Glossy	50	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-AB – Alto Brillo	50	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CT – Chemtop 2	8	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-MC – Microdot	30	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-NT - Naturelle	30	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RD - Radiance	5	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RT - Rigato	18	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RW – Riverwash	5	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

	EU-SP – Sculpted	24	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
4. Compact Laminate (2 mm) – Asia (Formica, Chemtop and VIVIX)	Artisan (A)	8	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Gloss (G)	14	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Leather (L)	9	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Linea (LN)	15	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Matte (M)	203	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Microdot (MC)	15	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Naturalle (NT)	51	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Rigato (RT)	11	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Sculpted (SP)	23	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Soft Matte (V)	20	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Wirebrush (WB)	9	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	High Gloss (AR)	13	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Interior Matte (IM)	15	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
5. Compact Laminate (2 mm) – North America (Chemtop and VIVEX)	-42 Crystal	179	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	-58 Matte	234	12.81	13.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

**Compact Laminate (4 mm) – Europe, Asia and North America:**

Product Category	Finish	No. Colours Available	CO <sub>2</sub> e unrounded	CO <sub>2</sub> e rounded	Measurement Metric	Functional Unit
6. Compact Laminate (4 mm) Europe (Compactop, VIVIX and Chemtop)	EU-11 – SSM (NDF)	21	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-44 - Shell	4	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-47 – Midgrain	1	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	275	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 – Softmat	20	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

	EU-75 - Quarry	10	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	2	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-90 - Glossy	50	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-AB – Alto Brillo	50	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CT – Chemtop 2	8	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-MC – Microdot	30	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-NT - Naturelle	30	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RD - Radiance	5	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RT - Rigato	18	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RW - Riverwash	5	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-SP - Sculpted	24	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
7. Compact Laminate (4 mm) – Asia (Formica, Chemtop and VIVIX)	Artisan (A)	8	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Gloss (G)	14	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Leather (L)	9	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Linea (LN)	15	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Matte (M)	203	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Microdot (MC)	15	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Naturalle (NT)	51	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Rigato (RT)	11	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Sculpted (SP)	23	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Soft Matte (V)	20	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Wirebrush (WB)	9	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	High Gloss (AR)	13	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Interior Matte (IM)	15	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
8. Compact Laminate (4 mm) – North	-42 Crystal	179	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

America (Chemtop and VIVEX)	-58 Matte	234	23.47	24.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
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**Compact Laminate (6 mm) – Europe, Asia and North America:**

Product Category	Finish	No. Colours Available	CO <sub>2</sub> e unrounded	CO <sub>2</sub> e rounded	Measurement Metric	Functional Unit
9. Compact Laminate (6 mm) Europe (Compactop, VIVIX and Chemtop)	EU-11 – SSM (NDF)	21	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-44 - Shell	4	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-47 – Midgrain	1	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	275	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 - Softmat	20	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-75 - Quarry	10	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	2	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-90 - Glossy	50	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-AB – Alto Brillo	50	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CT – Chemtop 2	8	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-MC – Microdot	30	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-NT - Naturelle	30	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RD - Radiance	5	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RT – Rigato	18	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RW - Riverwash	5	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
EU-SP - Sculpted	24	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product	
10. Compact Laminate (6 mm) – Asia (Formica, Chemtop and VIVIX)	Artisan (A)	8	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Gloss (G)	14	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Leather (L)	9	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Linea (LN)	15	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Matte (M)	203	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

	Microdot (MC)	15	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Naturalle (NT)	51	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Rigato (RT)	11	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Sculpted (SP)	23	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Soft Matte (V)	20	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Wirebrush (WB)	9	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	High Gloss (AR)	13	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Interior Matte (IM)	15	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
11. Compact Laminate (6 mm) – North America (Chemtop and VIVEX)	-42 Crystal	179	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	-58 Matte	234	34.40	34.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

**Compact Laminate (8 mm) – Europe, Asia and North America:**

Product Category	Finish	No. Colours Available	CO <sub>2</sub> e unrounded	CO <sub>2</sub> e rounded	Measurement Metric	Functional Unit
12. Compact Laminate (8 mm) Europe (Compactop, VIVIX and Chemtop)	EU-11 – SSM (NDF)	21	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-44 - Shell	4	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-47 – Midgrain	1	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	275	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 - Softmat	20	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-75 - Quarry	10	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	2	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-90 - Glossy	50	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-AB – Alto Brillo	50	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CT – Chemtop 2	8	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-MC – Microdot	30	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product



	EU-NT - Naturelle	30	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RD - Radiance	5	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RT - Rigato	18	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RW - Riverwash	5	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-SP - Sculpted	24	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
13. Compact Laminate (8 mm) – Asia (Formica, Chemtop and VIVIX)	Artisan (A)	8	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Gloss (G)	14	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Leather (L)	9	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Linea (LN)	15	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Matte (M)	203	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Microdot (MC)	15	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Naturalle (NT)	51	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Rigato (RT)	11	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Sculpted (SP)	23	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Soft Matte (V)	20	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Wirebrush (WB)	9	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	High Gloss (AR)	13	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
Interior Matte (IM)	15	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product	
14. Compact Laminate (8 mm) – North America (Chemtop and VIVEX)	-42 Crystal	179	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	-58 Matte	234	51.23	50.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

**Compact Laminate (10 mm) – Europe, Asia and North America:**

<b>Product Category</b>	<b>Finish</b>	<b>No. Colours Available</b>	<b>CO<sub>2</sub>e unrounded</b>	<b>CO<sub>2</sub>e rounded</b>	<b>Measurement Metric</b>	<b>Functional Unit</b>
<b>15. Compact Laminate (10 mm) - Europe (Compactop, VIVIX and Chemtop)</b>	EU-11 – SSM (NDF)	21	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-44 – Shell	4	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-47 – Midgrain	1	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	275	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 - Softmat	20	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-75 - Quarry	10	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	2	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-90 - Glossy	50	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-AB – Alto Brillo	50	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CT – Chemtop 2	8	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-MC – Microdot	30	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-NT - Naturelle	30	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RD - Radiance	5	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RT - Rigato	18	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RW - Riverwash	5	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
EU-SP - Sculpted	24	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product	
<b>16. Compact Laminate (10 mm) – Asia (Formica, Chemtop and VIVIX)</b>	Artisan (A)	8	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Gloss (G)	14	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Leather (L)	9	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Linea (LN)	15	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Matte (M)	203	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Microdot (MC)	15	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Naturelle (NT)	51	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

	Rigato (RT)	11	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Sculpted (SP)	23	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Soft Matte (V)	20	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Wirebrush (WB)	9	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	High Gloss (AR)	13	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Interior Matte (IM)	15	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
17. Compact Laminate (10 mm) – North America (Chemtop and VIVEX)	-42 Crystal	179	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	-58 Matte	234	66.87	65.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

**Compact Laminate (12 mm) – Europe, Asia and North America:**

Product Category	Finish	No. Colours Available	CO <sub>2</sub> e unrounded	CO <sub>2</sub> e rounded	Measurement Metric	Functional Unit
18. Compact Laminate (12 mm) – Europe (Compactop, VIVIX and Chemtop)	EU-11 – SSM (NDF)	21	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-44 - Shell	4	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-47 – Midgrain	1	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	275	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 - Softmat	20	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-75 - Quarry	10	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	2	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-90 - Glossy	50	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-AB – Alto Brillo	50	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CT – Chemtop 2	8	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-MC – Microdot	30	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-NT - Naturelle	30	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

	EU-RD - Radiance	5	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RT - Rigato	18	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RW - Riverwash	5	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-SP - Sculpted	24	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
19. Compact Laminate (12 mm) – Asia (Formica, Chemtop and VIVIX)	Artisan (A)	8	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Gloss (G)	14	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Leather (L)	9	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Linea (LN)	15	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Matte (M)	203	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Microdot (MC)	15	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Naturalle (NT)	51	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Rigato (RT)	11	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Sculpted (SP)	23	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Soft Matte (V)	20	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Wirebrush (WB)	9	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	High Gloss (AR)	13	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
Interior Matte (IM)	15	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product	
20. Compact Laminate (12 mm) – North America (Chemtop and VIVEX)	-42 Crystal	179	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	-58 Matte	234	86.12	85.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

Compact Laminate (13 mm) – Europe, Asia and North America:

Product Category	Finish	No. Colours Available	CO <sub>2</sub> e unrounded	CO <sub>2</sub> e rounded	Measurement Metric	Functional Unit
21. Compact Laminate (13 mm) – Europe (Compactop, VIVIX and Chemtop)	EU-11 – SSM (NDF)	21	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-44 - Shell	4	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-47 – Midgrain	1	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	275	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 - Softmat	20	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-75 - Quarry	10	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	2	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-90 - Glossy	50	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-AB – Alto Brillo	50	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CT – Chemtop 2	8	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-MC – Microdot	30	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-NT - Naturelle	30	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RD - Radiance	5	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RT - Rigato	18	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RW - Riverwash	5	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
EU-SP – Sculpted	24	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product	
22. Compact Laminate (13 mm) – Asia (Formica, Chemtop and VIVIX)	Artisan (A)	8	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Gloss (G)	14	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Leather (L)	9	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Linea (LN)	15	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Matte (M)	203	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Microdot (MC)	15	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Naturelle (NT)	51	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

	Rigato (RT)	11	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Sculpted (SP)	23	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Soft Matte (V)	20	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Wirebrush (WB)	9	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	High Gloss (AR)	13	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Interior Matte (IM)	15	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
23. Compact Laminate (13 mm) – North America (Chemtop and VIVEX)	-42 Crystal	179	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	-58 Matte	234	94.38	95.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

**Compact Laminate (14 mm) – Europe, Asia and North America:**

Product Category	Finish	No. Colours Available	CO <sub>2</sub> e unrounded	CO <sub>2</sub> e rounded	Measurement Metric	Functional Unit
24. Compact Laminate (14 mm) – Europe (Compactop, VIVIX and Chemtop)	EU-11 – SSM (NDF)	21	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-44 - Shell	4	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-47 – Midgrain	1	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	275	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 - Softmat	20	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-75 - Quarry	10	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	2	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-90 - Glossy	50	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-AB – Alto Brillo	50	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CT – Chemtop 2	8	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-MC – Microdot	30	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-NT – Naturelle	30	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

	EU-RD - Radiance	5	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RT - Rigato	18	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RW - Riverwash	5	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-SP - Sculpted	24	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
25. Compact Laminate (14 mm) – Asia (Formica, Chemtop and VIVIX)	Artisan (A)	8	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Gloss (G)	14	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Leather (L)	9	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Linea (LN)	15	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Matte (M)	203	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Microdot (MC)	15	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Naturalle (NT)	51	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Rigato (RT)	11	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Sculpted (SP)	23	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Soft Matte (V)	20	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Wirebrush (WB)	9	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	High Gloss (AR)	13	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
Interior Matte (IM)	15	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product	
26. Compact Laminate (14 mm) – North America (Chemtop and VIVEX)	-42 Crystal	179	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	-58 Matte	234	102.95	100.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

Compact Laminate (16 mm) – Europe, Asia and North America:

Product Category	Finish	No. Colours Available	CO <sub>2</sub> e unrounded	CO <sub>2</sub> e rounded	Measurement Metric	Functional Unit
27. Compact Laminate (16 mm) – Europe (Compactop, VIVIX and Chemtop)	EU-11 – SSM (NDF)	21	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-44 - Shell	4	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-47 – Midgrain	1	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	275	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 - Softmat	20	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-75 - Quarry	10	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	2	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-90 - Glossy	50	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-AB – Alto Brillo	50	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CT – Chemtop 2	8	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-MC – Microdot	30	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-NT - Naturelle	30	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RD - Radiance	5	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RT - Rigato	18	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RW - Riverwash	5	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
EU-SP - Sculpted	24	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product	
28. Compact Laminate (16 mm) – Asia (Formica, Chemtop and VIVIX)	Artisan (A)	8	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Gloss (G)	14	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Leather (L)	9	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Linea (LN)	15	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Matte (M)	203	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Microdot (MC)	15	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Naturelle (NT)	51	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product



	Rigato (RT)	11	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Sculpted (SP)	23	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Soft Matte (V)	20	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Wirebrush (WB)	9	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	High Gloss (AR)	13	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Interior Matte (IM)	15	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
29. Compact Laminate (16 mm) – North America (Chemtop and VIVEX)	-42 Crystal	179	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	-58 Matte	234	125.75	130.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

**Compact Laminate (18 mm) – Europe, Asia and North America:**

Product Category	Finish	No. Colours Available	CO <sub>2</sub> e unrounded	CO <sub>2</sub> e rounded	Measurement Metric	Functional Unit
30. Compact Laminate (18 mm) – Europe (Compactop, VIVIX and Chemtop)	EU-11 – SSM (NDF)	21	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-44 - Shell	4	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-47 – Midgrain	1	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	275	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 - Softmat	20	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-75 - Quarry	10	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	2	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-90 - Glossy	50	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-AB – Alto Brillo	50	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CT – Chemtop 2	8	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-MC – Microdot	30	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

	EU-NT - Naturelle	30	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RD - Radiance	5	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RT - Rigato	18	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RW - Riverwash	5	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-SP - Sculpted	24	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
31. Compact Laminate (18 mm) – Asia (Formica, Chemtop and VIVIX)	Artisan (A)	8	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Gloss (G)	14	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Leather (L)	9	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Linea (LN)	15	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Matte (M)	203	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Microdot (MC)	15	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Naturelle (NT)	51	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Rigato (RT)	11	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Sculpted (SP)	23	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Soft Matte (V)	20	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Wirebrush (WB)	9	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	High Gloss (AR)	13	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
Interior Matte (IM)	15	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product	
32. Compact Laminate (18 mm) – North America (Chemtop and VIVEX)	-42 Crystal	179	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	-58 Matte	234	145.42	150.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

Compact Laminate (20 mm) – Europe, Asia and North America:

Product Category	Finish	No. Colours Available	CO <sub>2</sub> e unrounded	CO <sub>2</sub> e rounded	Measurement Metric	Functional Unit
33. Compact Laminate (20 mm) – Europe (Compactop, VIVIX and Chemtop)	EU-11 – SSM (NDF)	21	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-44 - Shell	4	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-47 – Midgrain	1	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-58 – USA Mat	275	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-73 - Softmat	20	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-75 - Quarry	10	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-77 - Honed	2	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-90 - Glossy	50	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-AB – Alto Brillo	50	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-CT – Chemtop 2	8	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-MC – Microdot	30	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-NT - Naturelle	30	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RD - Radiance	5	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RT - Rigato	18	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	EU-RW - Riverwash	5	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
EU-SP – Sculpted	24	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product	
34. Compact Laminate (20 mm) – Asia (Formica, Chemtop and VIVIX)	Artisan (A)	8	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Gloss (G)	14	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Leather (L)	9	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Linea (LN)	15	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Matte (M)	203	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Microdot (MC)	15	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product
	Naturelle (NT)	51	171.79	170.00	KgCO <sub>2</sub> e	Per 1 m <sup>2</sup> of product

	<b>Rigato (RT)</b>	<b>11</b>	<b>171.79</b>	<b>170.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
	<b>Sculpted (SP)</b>	<b>23</b>	<b>171.79</b>	<b>170.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
	<b>Soft Matte (V)</b>	<b>20</b>	<b>171.79</b>	<b>170.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
	<b>Wirebrush (WB)</b>	<b>9</b>	<b>171.79</b>	<b>170.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
	<b>High Gloss (AR)</b>	<b>13</b>	<b>171.79</b>	<b>170.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
	<b>Interior Matte (IM)</b>	<b>15</b>	<b>171.79</b>	<b>170.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
<b>35. Compact Laminate (18 mm) – North America (Chemtop and VIVEX)</b>	<b>-42 Crystal</b>	<b>179</b>	<b>171.79</b>	<b>170.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>
	<b>-58 Matte</b>	<b>234</b>	<b>171.79</b>	<b>170.00</b>	<b>KgCO<sub>2</sub>e</b>	<b>Per 1 m<sup>2</sup> of product</b>

The rounded numbers are obtained according to the rounding rules contained in the **Carbon Trust Code of Good Practice for Product Greenhouse Gas Emissions and Reduction Claims: 2008** ('The Code of Good Practice').

The Company certifies the above Listed Product Carbon Footprints based on the supply chains and data provided in the following models:

**FPX\_Formica\_BenchtopUK\_R1\_FINAL.xls**  
**FPX\_Formica\_BenchtopFN\_R1\_FINAL.xls**  
**FPX\_Formica\_CL\_R1\_FINAL.xls**

The above models use Footprint Expert™ data version 3.2 and calculators - version 3.1.

### **Listed Geographical Areas**

Europe, North America and Asia.

### **Materiality**

It has been verified that all material non-conformities identified during the sampling performed on the footprint models submitted have been closed. If at any time and for whatever reason You or the Company identify any further non-conformities, the terms described in point 8 of the Description of Service and General Terms and Conditions will apply.

**Provision for material discrepancy**

The Company has performed the certification in accordance with the applicable material discrepancy threshold: That identified omissions or errors or their aggregate whose impact affects the final rounded number (made in accordance with Code of Good Practice section 2.4) are predetermined to be a material discrepancy and therefore a non-conformity.

**Certification Period**

This Certification is valid for a period of 24 months from 16/12/2011 (the "effective date") until 15/12/2013 subject to the provisions in this Certification Letter.

**Communications**

Any claims regarding the certification results or any other claims shall be made in accordance with the Code of Good Practice.

In accordance with the Code of Good Practice this Certification Letter and any associated Annex allows You to communicate the certified results (as specified in Table 2: Listed Products and Carbon Footprints – Detailed List by Region, Finish and Colours Available) and/or to claim a reduction commitment and/or to claim an achieved reduction, as stated below:

- The certified numbers and products published in the Product Emission Report (**FormicaCT\_ProductEmissionsReport\_May2011.pdf**) and specified in Table 2: Listed Products and Carbon Footprints – Detailed List by Region, Finish and Colours Available.
- 'This footprint result has been certified by the Carbon Trust'.
- In accordance with clause 3.2 of the Code of Good Practice, You can make claims about your commitment to reduce the footprint of this product. However these claims should not refer to achieved emissions reductions or quantified emissions reductions commitments. Reduction claims shall not be made until emissions reduction has been achieved and verified by the Company.

Any other claims or communication proposed during the Certification Period shall be submitted to the Company for prior approval and shall comply with the Code of Good Practice. Non-standard communication approved by the Company may be documented in an Annex of this Certification Letter at the Company's discretion.

Carbon Trust Certification Limited is accredited by the United Kingdom Accreditation Service to ISO 14065:2007 to provide greenhouse gas verification. PAS 2050: 2008 and the Code of Good Practice for Product Greenhouse Gas Emissions and Reduction Claims.

For and on behalf of  
Carbon Trust Certification Limited



Name: .....

Title: Head of Certification.....

Date: 16<sup>th</sup> December 2011.....