

# KABA<sup>®</sup> and GREEN

Today, Kaba's worldwide operations provide an innovative and reliable set of comprehensive security products and services to customers in more than 150 countries. With more than 9,000 Kaba employees, located in more than 60 countries, working to maintain the highest levels of quality access control products and customer satisfaction – Kaba is truly a member of the global community. As such, we understand how rising energy prices, water shortages, climate concerns, and economic factors are having an effect on the way we live and work. Therefore, Kaba recognizes the value of environmentally friendly products that support the needs of our global community.

The US Green Building Council's LEED certification was designed for the building industry to provide third-party verification that projects meet the highest green building and performance measures. This certification process has driven the building industry toward the use of renewable materials and energy-efficient building products. While individual products can help achieve LEED points, no product is LEED-certified or can guarantee points. Currently, many of our access control products produced and sold from our Winston-Salem facility may contribute toward LEED certification of a project in the following four credit categories:

**Materials & Resources Credit 4.1 - Recycled Content: 10% (post-consumer + ♻ pre-consumer)**

**Materials & Resources Credit 4.2 - Recycled Content: 20% (post-consumer + ♻ pre-consumer)**

**Materials & Resources Credit 5.1 - Regional Manufacture: 10% Manufactured Regionally**

**Materials & Resources Credit 5.2 - Regional Manufacture: 20% Manufactured Regionally**

Factors at Kaba's Winston-Salem facility for environmental life-cycle analysis include:

**Materials** – Kaba's raw materials include zinc, brass, steel and aluminum, all of which contain both virgin and recycled material. Our electronic PowerLever Series locks use self-generating power requiring no batteries for use or disposal. The unique LectroBolt™ in our electronic locks eliminates the need for wiring to or through the doors. In addition, all of our Simplex and E-Plex products are RoHS-compliant.

**Manufacturing** – We recycle all of the brass, zinc, steel, stainless steel and aluminum scrap metal recovered from our manufacturing processes. Currently, we treat approximately 400,000 gallons of water per month through our on-site waste treatment facilities and recycle solid material such as nickel recovered in the process. With our in-house furnace, we are able to reuse all of the trimmings from our diecasting operations.

**Location** – Many of the component parts used in our products are produced in-house or are produced regionally reducing the energy required to ship them from foreign locations.

**End-of-Life** – In addition to the scrap metal recovered from our manufacturing processes, we recycle plastic and aluminum drink containers, cardboard, paper and various other scrap materials. These efforts result in over 20,000 pounds annually of non-usable materials from being sent to landfills.



## USGBC LEED Green Building Rating Statement

Applicable LEED Programs and Credits

### Materials and Resources: Recycled Content

MR Credit 4: Recycled Content

**Requirement:**

Use products containing postconsumer and preconsumer recycled material where the recycled content percentage\* has been determined by weight.

<u>Kaba Access Control Product</u>	<u>% of Recycled Content</u>	
	<u>Pre-Consumer</u>	<u>Post-Consumer</u>
<b>Simplex Mechanical Pushbutton Locks</b>	<b>0%</b>	<b>Minimum of 52%</b>
<b>Electronic Access Control Locks</b>	<b>0%</b>	<b>Minimum of 36%</b>

\*In accordance with industry standards

### Materials and Resources: Regional Materials

MR Credit 5: Regional Materials

**Requirement:**

Use products that are manufactured regionally within a radius of 500 miles of project site. It is not feasible for us to track harvest location of our raw materials (i.e., zinc, brass, steel, etc.) therefore this information is not available.

<u>Kaba Access Control Product</u>	<u>Manufacturing Location**</u>
<b>Simplex, E-Plex, and PowerLever Series Locks</b>	<b>Winston-Salem, NC, USA</b>
<b>E-Plex 2000, Solitaire, and 790 Series Locks</b>	<b>Montreal, Quebec, Canada</b>

\*\*Manufacturing refers to the final assembly of components into the final product

### Indoor Environmental Quality

IEQ Credit 4: Low-Emitting Materials

**Requirement:**

Use products that do not contribute to indoor air contamination or exceed established VOC levels.

<u>Kaba Access Control Product</u>	<u>Volatile Organic Compounds</u>
<b>All Products</b>	<b>None</b>