

# CrossingGard® Emergency Response Grille

## Model ERG10 and Model ERG-IBC Application Guidelines

### Model Descriptions

The CrossingGard has two models designed to meet the specific needs of your projects:

- **Model ERG10**, the standard CrossingGard, provides security and safe escape in situations where access to emergency egress is **desired**. Its features include fail-safe emergency response opening capability and our unique AutoLock mechanism.
- **Model ERG-IBC** has met ICC-ES (International Code Council Evaluation Service) evaluation guidelines as an access-controlled egress door under Section 1008.1.3.4 of the 2003 International Building Code® (IBC) for when access-controlled egress is **required**. In addition to the features provided with CrossingGard Model ERG10, Model ERG-IBC also incorporates an emergency exit opening device, additional “push to exit” signage and the ICC-ES label indicating Cornell’s evaluation number (ESR-1167). These items must be installed as indicated for the CrossingGard to meet IBC code requirements. Additionally, activation by the emergency exit device can be configured to signal a local horn/strobe alarm.

### When to Apply the CrossingGard Emergency Response Grille

The CrossingGard should be applied whenever security grilles are specified in public use buildings or where combined ease of opening and security is desired.

CrossingGard Model ERG-IBC is the best choice when building code restrictions are an issue.

Example: Section 1008.1.3.5 of the IBC that states, “Where two or more means of egress are required, not more than one-half of the exits or exit access doors shall be equipped with horizontal sliding or vertical security doors.” In this situation, CrossingGard ERG-IBC can be used in 100% of the locations. By utilizing the CrossingGard Emergency Response Grille, having to add additional means of egress may be avoided.

The CrossingGard ERG-IBC is approved for installation in buildings under Use Groups A (assembly), B (business), E (education), F (factory), M (mercantile) and residential groups R-1 (transient occupancy, re: hotels, motels) and R-2 (permanent occupancy, re: apartments, dormitories). Whenever the Authority Having Jurisdiction demands IBC code approved access-controlled egress for these occupancy groups, CrossingGard ERG-IBC from Cornell Iron Works is the only emergency response grille available.

The CrossingGard has not received code approval for I (institutional) facilities such as hospitals, assisted living facilities, prisons, day care centers, etc. However, it should be recognized by the AHJ that either CrossingGard model is a safer alternate to conventional security grilles in almost any situation.

### Create the Response You Want for CrossingGard Emergency Response Grilles

Keep these questions in mind when suggesting the CrossingGard:

- How do you know which half of the exits or exit access doors will be need to be utilized in an actual emergency? Shouldn’t they all be protected by the CrossingGard?
- Often, building codes are reactive to unfortunate events. Knowing that the CrossingGard is available as a safer alternative now, why would you continue to specify conventional security grilles?