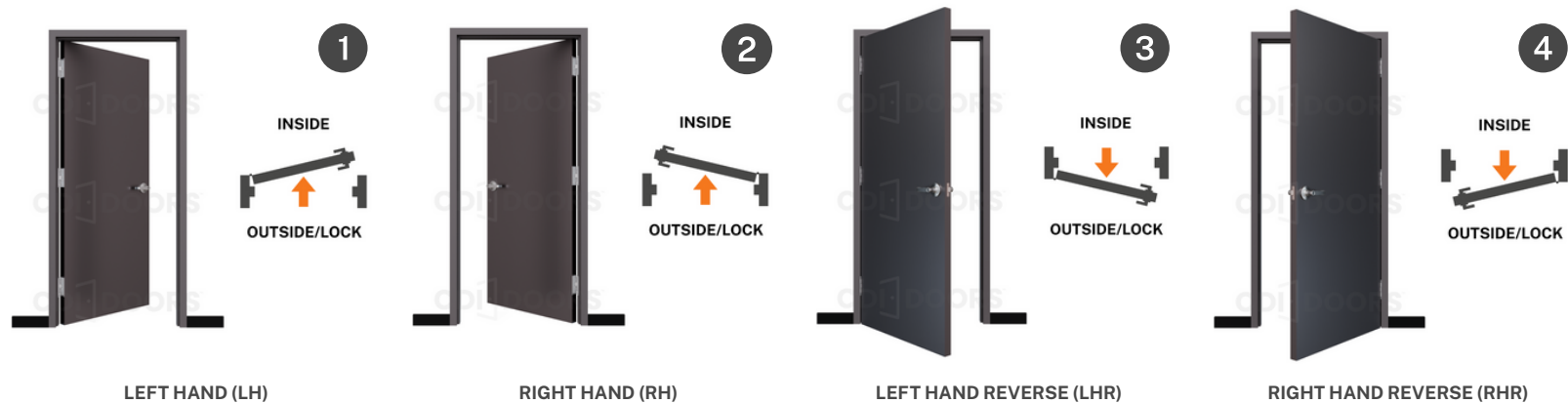
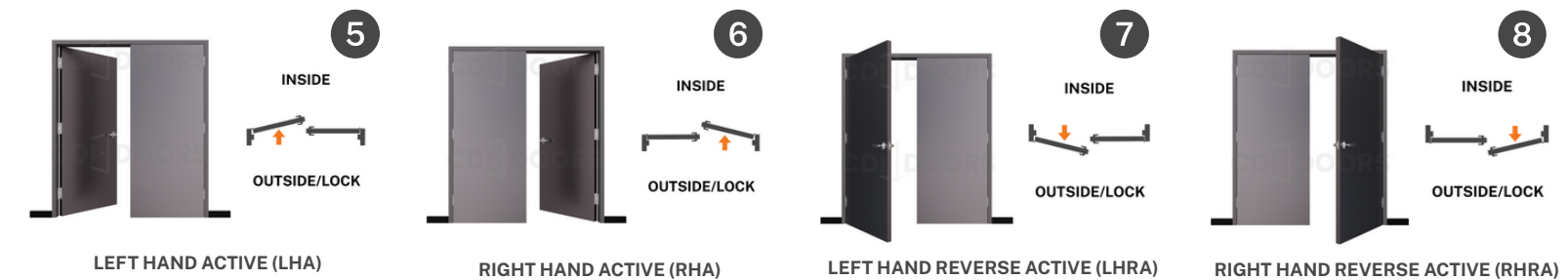


COMMERCIAL DOOR SWING CHART

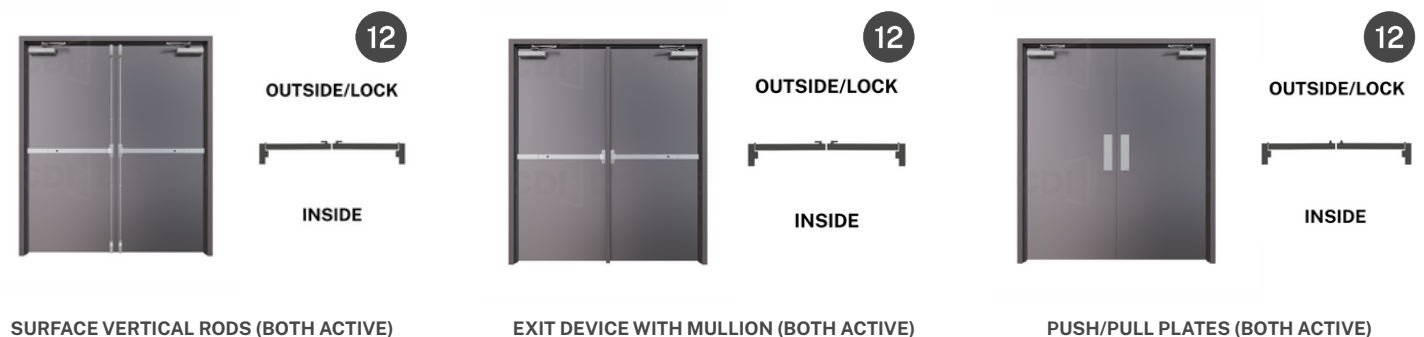
Single Door Handings



Double Door Handings



Double Door Handings (Both Active)



PRO TIP: For single door handings, place your back to the hinge jamb on the frame, if the door swings to your right side, it is a right hand swing - left side, left hand swing.



DOOR HANDING REFERENCE GUIDE

For commercial doors, there are 13 standard handings (swings) used to describe how a door is hung and which way it swings. These are critical when ordering prehung doors, hardware, or specifying in architectural plans. The 13 door handings model isn't from an official codebook or industry standard (like NFPA, IBC, or ANSI). Instead, it's a practical framework developed by hardware suppliers, commercial door distributors, and contractors to simplify communication about handing for single doors, double doors with active/inactive leaves, reversible swing, specialty double door scenarios.

Single Door Handings (1–4)

1. **Left Hand (LH)** – Hinges on the left, door swings inward.
2. **Right Hand (RH)** – Hinges on the right, door swings inward.
3. **Left Hand Reverse (LHR)** – Hinges on the left, door swings outward.
4. **Right Hand Reverse (RHR)** – Hinges on the right, door swings outward.

Double Door Handings (5–13)

5. **Left Hand Active (LHA)** – Left leaf is active, swings inward. Right leaf is fixed.
6. **Right Hand Active (RHA)** – Right leaf is active, swings inward. Left leaf is fixed.
7. **Left Hand Reverse Active (LHRA)** – Left leaf is active, swings outward. Right leaf is fixed.
8. **Right Hand Reverse Active (RHRA)** – Right leaf is active, swings outward. Left leaf is fixed.
9. **Double Egress** – Both leaves swing away from each other (used in corridors or egress paths).
10. **Left Reverse/Right Hand (LRRH)** – Left leaf swings outward, right leaf swings inward.
11. **Right Reverse/Left Hand (RRLH)** – Right leaf swings outward, left leaf swings inward.
12. **Both Leaf Active (BB)** – Both leaves are active and swing the same direction.
13. **Unequal Leaf Pair** – One leaf is wider and active, the other is fixed or semi-active. Handing follows the active leaf.



DOOR HANDING APPLICATIONS

Here are some real world use cases for the door swings and typical applications:

1. Left Hand (LH) and 2. Right Hand (RH) - Interior doors in offices, schools, and restrooms where the door swings into the room. Why it matters, keeps hallways clear by swinging inward.

3. Left Hand Reverse (LHR) and 4. Right Hand Reverse (RHR) - Exterior exit doors or utility room doors that need to swing outward for emergency egress. Required by code in many commercial buildings for exit routes. If wind loads or security are concerns, outward swing is often preferred.

5. Left Hand Active (LHA) and 6. Right Hand Active (RHA) - Storefront entrances, retail shops, or classrooms where one door is regularly used and the other stays latched unless needed. Saves wear-and-tear by using just one leaf while keeping the option to open both when needed (for deliveries, equipment, etc.).

7. Left Hand Reverse Active (LHRA) and 8. Right Hand Reverse Active (RHRA) - Emergency exits and outdoor mechanical rooms where outward swing is code-required, but only one leaf is active. Combines code compliance with daily practicality (e.g., one exit door for traffic, second leaf only used in emergencies).

9. Double Egress - Hospital corridors, schools, and large office hallways. Allows people to exit in both directions simultaneously, without conflict. Common in rated fire partitions with panic hardware.

10. Left Reverse/Right Hand (LRRH) and 11. Right Reverse/Left Hand (RRLH) - Specialized entryways where one leaf swings in and the other out — often found in vestibules or industrial settings. Accommodates complex traffic flows or space constraints.

12. Both Leaf Active (BB) - Double doors in banquet halls, churches, conference rooms — where both leaves are used frequently. Provides full opening width with no inactive leaf restrictions.

13. Unequal Leaf Pair - Data centers, labs, or buildings with carts/equipment where one wide active door is used daily and a smaller leaf opens occasionally. Balances everyday convenience with occasional large-load flexibility.

