

WHAT IS ADA?

The Americans with Disabilities Act (ADA) contains prescriptive language governing the size and features of thresholds in building entrances which are required to be "accessible" for persons with disabilities. The international Codes (Residential - IRC, Building - IBC) include requirements meeting this language, and thus mandate the usage of ADA compliant door sills where specified.

Endura Products, Inc has responded to the requirements of ADA, IRC and IBC by designing a line of compliant inswing and outswing sills.

WHAT ARE ADA REQUIREMENTS FOR SILLS?

ADA

ADA accessible threshold requirements are specified in US government regulation 28 CFR part 36. Specifically, this mandates the following.

Section 4.5.2

- Allows 1/4" maximum vertical height change between threshold levels.
- Changes in height between 1/4" and 1/2" must be beveled with a slope no greater than 1:2 (26.5 degrees)

Section 4.13.8

- Allows 1/2" maximum threshold height (for non-sliding doors)
- Changes in height between 1/4" and 1/2" must be beveled with a slope no greater than 1:2 (26.5 degrees)

IRC/IBC

IBC Section 1008.1

- Allows 1/2" maximum threshold height (for non-sliding doors)
- Changes in height greater than 1/4" must be beveled with a slope no greater than 1:2 (26.5 degrees)

IRC Section R322.1

- Requires compliance to IBC Chapter 11
- IBC Chapter 11 requires conformance to standard ICC/ANSI A117.1.
- ICC/ANSI A117.1 requirements for threshold mimic ADA requirements.

WHAT DOES ENDURA OFFER TO MEET ADA REQUIREMENTS?

Endura's Z-Series ADA compliant sills:

- Are designed with a top surface height of 1/2".
- Have a maximum vertical rise of 1/4".
- Have a maximum beveled deck of 8 degrees.