

SECTION 1. INTRODUCTION

1.01 Installation Methods. Stone thresholds can be installed by several methods. Consideration should be given to the various features of each method in making a selection for a specific installation. (See Data Sheet Installation section and illustrations of installation examples at the close of this section).

SECTION 2. DESIGN CRITERIA

2.01 Thresholds. By acting as a transitional piece between two different finished floor levels, thresholds permit the use of the conventional, thick-bed mortar method in rooms where it would not otherwise be possible. They also can be used with thin-set methods.

2.02 Abrasive Hardness. Care should be taken to ensure the abrasive hardness (Ha) of the varieties selected is a minimum of 12.0 as measured by ASTM C241. These values may be obtained from the Stone Supplier.

2.03 Stone Abuts Softer Floor Material. Where stone abuts softer flooring materials, stone thresholds or metal edge protection profiles may be used. This will help prevent chipping caused by impact.

2.04 Traffic after Installation. After the stone thresholds have been installed, the General Contractor must keep all traffic off the thresholds for at least 48 hours. No heavy traffic should be permitted on newly installed stone flooring surfaces for at least two weeks.

2.05 White Portland cement is recommended as a setting bed for light-colored granite and marble. White Portland cement with a low alkali content is recommended for limestone.

2.06 Exposed edges may be eased, rounded, arched or beveled. If instructions are not given as to type of edge required, Supplier will furnish according to industry standards.

2.07 Geographic Methods. Some installation methods and materials are not recognized and may not be suitable in some geographic areas because of local trade practices, building codes, climatic conditions, or construction methods. Therefore, while every effort has been made to produce accurate guidelines, they should be used only with the independent approval of technically qualified persons.

SECTION 3. PRODUCT DESCRIPTION

3.01 Basic Use. Floor structural element that lies below a door or other entranceway.

3.02 Limitations. Only varieties having a minimum abrasive hardness (Ha) of 12.0, as measured by ASTM C241, are recommended.

3.03 Fabrication. Stone thresholds are precut and prefinished to dimensions specified on shop drawings, and delivered to the job site ready to install.

3.04 Finishes. Polished and honed.

3.05 Colors. Most of the commercially available varieties are suitable.

3.06 Sizes. Thicknesses of 1/2", 3/4", and 1-1/4", or as specified.

SECTION 4. TECHNICAL DATA

4.01 Each stone variety used for thresholds should conform to the applicable ASTM standard specification and the physical requirements contained therein. The specification for each stone type follows:

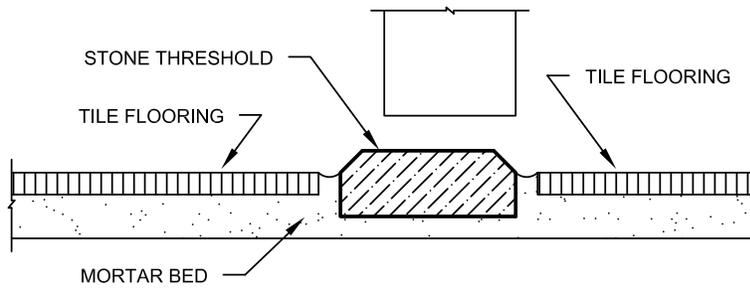
- 1. Granite:** ASTM C615 Standard Specification for Granite Dimension Stone.

SECTION 5. INSTALLATION

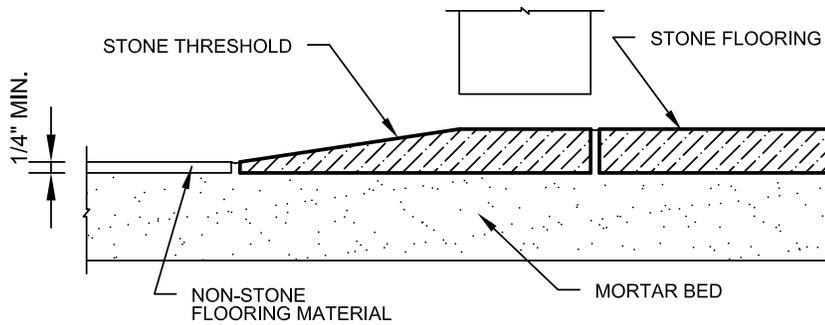
5.01 Methods. Stone thresholds may be installed using a cement mortar bed, epoxy mortar, or any of the thin-set mortar methods. (See detail illustrations at the close of this section).

5.02 100% coverage of mortar bed material between threshold and subfloor is recommended.

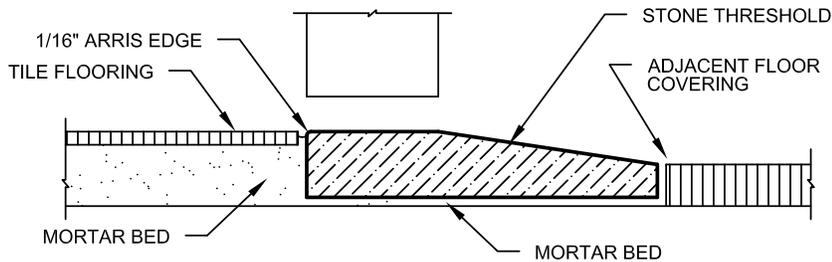
5.03 General Precaution. During construction, the General Contractor shall protect all stone from staining or damage.



1 MEDIUM BED MORTAR METHOD



2 FULL MORTAR BED METHOD



3 THIN-SET METHOD

NOTE: USE 100% COVERAGE OF BOND COAT MATERIAL BETWEEN THRESHOLD AND SUB-SLAB.

NOTE: Minimum Abrasive Hardness Of Threshold Material Should Be 12.0 (ASTM C241).

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	0	Aug 2006		
	1	Oct 2006	DRWG NO: 14-D-5	SCALE: 6" = 1'-0"
	2	Dec 2009		