

SECTION 072600 - VAPOR RETARDERS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Polyethylene vapor retarders under interior and exterior concrete slabs.

B. Related Requirements:

1. Section 033000 "Cast-in-Place Concrete" for under-slab vapor retarders.

1.2 ACTION SUBMITTALS

- ##### A. Product Data:
- For each type of product.

1.3 INFORMATIONAL SUBMITTALS

PART 2 - PRODUCTS

2.1 POLYETHYLENE VAPOR RETARDERS

- ##### A. Polyethylene Vapor Retarders under interior and exterior concrete slabs:
- ASTM D 4397, 15-mil thick sheet, with maximum permeance rating of 0.1 perm.

PART 3 - EXECUTION

3.1 INSTALLATION OF VAPOR BARRIERS UNDER SLABS

- ##### A. Reference 033000. Install vapor retarders over prepared grade. Lap joints per manufacturer specifications. Install vapor retarders over prepared grade and seal with manufacturer's recommended tape. Install second layer over pathways to equipment.
- ##### B. Extend vapor retarder over footings and seal to foundation wall or grade beam with manufacturer's recommended tape.
1. Extend vapor retarder vertically minimum 16 inches above top of footing.
- ##### C. Seal around penetrations such as utilities and columns in order to create a monolithic, airtight membrane at grade surface, perimeter, and all vertical penetrations.

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END OF SECTION 072600