

## Retaining Walls and Modular Block Walls

### Modular Block Walls

| Supplier   | Brand             |  |
|--|-------------------|--|
| Anchor Wall Systems<br>Minnetonka, MN                  | Diamond           | Diamond to be used only with the following geogrids: Huesker Fortrac 30, 55/30-20, 80/30-20  |
|  | Diamond Pro       | Diamond Pro to be used only with the following geogrids: Huesker Fortrac 30, 35 and Synteen SF35, SF55, SF80   |
|  | Landmark          | Landmark to be used with the following geogrids: Miragrid 3XT, 5XT, 7XT, 8XT, & 10XT; and Miratex TD3  |
|  | Vertica           | Vertica to be used only with the following geogrids: Huesker Fortrac 35/20-20, 55/30-20, 80/30-20; Raugrid 2/3, 3/3, 4/2, 6/3, 8/3; Synteen SF35, SF55, SF80.        |
|  | Vertica Pro       | Vertica Pro to be used only with the following geogrids: Huesker Fortrac 30, 35/20-20, 55/30-20, 80/30-20; Raugrid 2/3, 3/3, 4/2, 6/3, 8/3; Synteen SF35, SF55, SF80 |
| Geoquest USA, Inc.<br>North Richland Hills, TX         | PYRAMID           |  |
|  |                   |  |
| Keystone Retaining Wall System, LLC<br>Minneapolis, MN | Key System I      |  |
|  | Keystone Compac   | Keystone Compac to be used with the following geogrids: Huesker Fortrac 35, 55, 80; Stratagrid SG 150, SG200, SG300, SG500, SG550 & SG600                            |
|  | Keystone Standard | Keystone Standard to be used with the following geogrids: Huesker Fortrac 35, 55, 80; Stratagrid SG 150, SG200, SG300, SG500, SG550 & SG600                          |
|  | KeySystem II      |  |
| Redi-Rock International, LLC<br>Charlevoix, MI         |                   |  |
|  | Gravity Wall      |  |

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|---|--|
| Rockwood Retaining Walls<br>Little Rock, AR         | <p>Rockwood Classic</p> <p>Rockwood Classic &amp; Rockwood Legend to be used only with the following geogrids: Miragrid 3XT, 5XT, 8XT; Statagrid 200, 300, 500; Huesker Fortrac 35, 55, 80; Amoco 2016, 2044; or Luckenhaus Raugrid 4/2-15, 6/3-15.)</p> <hr/> <p>Rockwood Legend</p> <p>Rockwood Classic &amp; Rockwood Legend to be used only with the following geogrids: Miragrid 3XT, 5XT, 8XT; Statagrid 200, 300, 500; Huesker Fortrac 35, 55, 80; Amoco 2016, 2044; or Luckenhaus Raugrid 4/2-15, 6/3-15.)</p> |
| Tensar International Corporation<br>Alpharetta, GA  | MESA - Mesa Retaining Wall Systems   |
| Venture Retaining Wall System, L.L.C.<br>Denver, CO | Venture  |
| VERSA-LOK Retaining Wall Systems<br>Oakdale, MN     | VERSA-LOK  |

### Retaining Walls - Precast Panels

| Supplier  | Brand   |
|---|---|
| Elevate Infrastructure<br>Morris, IL                | Elevate MSE Wall System                             |
| Geoquest USA, Inc.<br>North Richland Hills, TX      | <p>Reinforced Earth</p> <hr/> <p>Retained Earth</p> |
| Hilfiker Retaining Wall Systems, Inc.<br>Eureka, CA | Hilfiker Walls                                      |

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### Retaining Walls - Precast Panels

| Supplier   | Brand                                      |
|--|--|
| Redi-Rock International, LLC<br>Charlevoix, MI     | Positive Connection                        |
| SSL<br>Scotts Valley, CA                           | MSE Plus Wire Wall<br>SSL MSE Plus         |
| Tensar International Corporation<br>Alpharetta, GA | ARES Retaining Wall                        |
| Tricon Precast, Ltd.<br>Houston, TX                | Tricon Retained Soil Wall System           |
| Vist-A-Wall Systems<br>Mansfield, TX               | Vist-A-Wall MSE<br>Structural Wall Systems |

### Method of Documentation of Acceptance:

By brand and source. Prior to fabrication or construction of the retaining wall (precast panels) or the modular block wall, the Contractor shall submit copies of design calculations, working drawings, and material and construction specifications to the Engineer for review. The retaining wall drawings shall include details that provide for flexibility, differential settlement, and aesthetics at changes in direction of the wall alignment.

### Method of Approval:

A copy of an IDEA Technical Evaluation Report detailing the IDEA evaluation results of the retaining wall (precast panels) or the modular block wall must be submitted to the Department. The Geo-Institute (G-I) of ASCE may be contacted for information about IDEA evaluations of earth retaining systems (ERS) at [geo-institute@asce.org](mailto:geo-institute@asce.org) or by review submittal at [www.geoinstitute.org/special-projects/idea](http://www.geoinstitute.org/special-projects/idea). The design shall be in accordance with the current edition of the AASHTO Standard Specifications for Highway

## **Retaining Walls and Modular Block Walls**

**Bridges and applicable Department Special Provisions. Modular block wall systems will not be considered for approval as a retaining wall (precast panels). Random samples may be taken by the Department for evaluation. Any deviation in material and/or performance from the original sample may be sufficient reason to discontinue acceptance of the material from the manufacturer, determination of which shall be by the Materials Engineer.**

**No information contained in these lists is to be used for promotional purposes.**

**The manufacturer of privately labeled products must be disclosed.**