



Expanded Shale, Clay and Slate Institute
Rotary Kiln Structural Lightweight Aggregate

Nasher Sculpture Center (Dallas, TX)



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| LOCATION | Dallas, Texas | GENERAL CONTRACTOR | HC Beck |
| OWNER | The Nasher Foundation and Dallas Museum of Art | SENIOR PROJECT ENGINEER | Frank Sarno |
| DESIGNER/ARCHITECT | Renzo Piano | CONSTRUCTION MANAGER | Beck Group |
| LANDSCAPE ARCHITECT | Peter Walker and Partners | | |

The Nasher Sculpture Center in Dallas, Texas is home to one of the finest private collections of modern sculpture in the world.

Located in Dallas’ Arts District, the 2.4-acre center consists of a 54,000 square foot building with more than 300 pieces of sculpture, including major works by Moore, Calder, Picasso, David Smith and other modern masters.

The Center represents Raymond D. Nasher’s vision to create an outdoor “roof-less” museum that serves as a peaceful retreat for reflection of art and nature and public home for his collection of 20th-century sculpture. The goal was to produce a structure of lasting significance that will sustain the legacy of the collection – a kind of noble ruin reminiscent of the solidly-grounded archaeological sites of ancient civilization and their continuity through time.



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Landscape architects Peter Walker and Partners of Berkeley, Calif., were selected for the project because of their work on such notable and recognizable projects as Hotel Kempinski, Munich Airport in Germany, Toyota Municipal Museum of Art in Toyota City, Japan – and the Tanner Fountain at Harvard University in Cambridge, Mass.

TXI's Expanded Shale & Clay (ESC) provided lightweight aggregate from its Streetman manufacturing facility for use as a component in the structural soil mix for this project. Lightweight aggregate in the soil mix helps reduce soil compaction and provides the following additional qualities:

- ✧ Environmentally friendly
- ✧ Non-toxic
- ✧ 100 percent inert and inorganic
- ✧ Porous for good drainability
- ✧ Insulative material that protects against rapid temperature extremes

Photo Gallery





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