

## TERRANE SERIES

### GREEN FRIENDLY CERTIFICATE

As a reminder of the preciousness of the environment, Emser's Green Friendly Program is symbolized by a green leaf and the words "Green Friendly" above it. The program consists of a systematic two-prong approach.



The first prong includes an effort by Emser and its trade partners to incorporate environmentally friendly practices.



The second prong includes driving a companywide program amongst Emser employees to incorporate environmentally friendly office practices.

| LEED V4 BD+C / ID+C                                                                                           |                                                                                                               |                                                                                                                        |                                                                                                                |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Material Resources                                                                                            | Material Resources                                                                                            | Material Resources                                                                                                     | Indoor Environmental Quality                                                                                   |
| Building Products Disclosure and Optimization – Sourcing of Raw Ingredients ( <b>½ POINT</b> )                | Building Products Disclosure and Optimization – Material Ingredients ( <b>1 POINT</b> )                       | Construction and Demolition Waste Management ( <b>1 POINT</b> )                                                        | Low-Emitting Materials ( <b>3 POINTS</b> )                                                                     |
| HPD available by request<br> | HPD available by request<br> | Recyclable packaging & materials<br> | See VOC Statement below<br> |

**LEED V4 2016 BD+C / ID+C BUILDING PRODUCT DISCLOSURES – SOURCING RAW INGREDIENTS & MATERIAL INGREDIENTS- HPD (Available by request)** : To reward project teams for selecting products for which the chemical ingredients in the product are inventoried using an accepted methodology and for selecting products verified to minimize the use and generation of harmful substances.

**LEED V4 2016 BD+C / ID+C V4 CONSTRUCTION AND DEMOLITION - RECYCLABLE PACKAGING & MATERIALS**: To reduce construction and demolition waste disposed of in landfills and incineration facilities by recovering, reusing, and recycling materials.

**LEED V4 2016 BD+C / ID+C LOW EMITTING - LOW/NO VOC STATEMENT**: To reduce concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment.

**VOC STATEMENT** - LEED V4 criteria for Low-Emitting Materials -VOC's, FloorScore Certification and California Health Services Standard. The following information is provided to address related queries pertaining to Emser Tile products and VOC's, FloorScore certification, as well as California Health Services Standards as described in LEED® Green Building Rating Systems.

Emser products are not FloorScore certified. However, certification is not needed to satisfy LEED® specifications. The test methodology specified in CA Department of Public Health Standard – Section 01350 is the same one used for the following certifications:

- **SCS/RFI** FloorScore
- **SCS** Indoor Advantage, Indoor Advantage Gold
- **AQSI/GEI** Greenguard, Greenguard - Children & Schools,
- **CRI** Green Label, Green Label Plus

Due to the manufacturing process of all of our fired floor tiles, the temperatures that these tiles are produced at inherently eliminate the presence of any off-gassing and results in no detectable emissions of Volatile Organic Compounds (VOC's). As such, Emser's floor tiles exceed the requirements of the aforementioned VOC certifications.

Hard surface flooring products can contribute to gaining 1 POINT for low-emitting materials in the LEED® V4 rating system. The credit definition is: "Mineral-based finish flooring products such as tile, masonry, terrazzo, and cut stone without integral organic-based coatings and sealants and unfinished/untreated solid wood flooring qualify for credit without any IAQ testing requirements".

For this reason, it is assumed that ceramic and porcelain floor tiles are negligible sources of VOC's and are available for credit without any additional testing requirements.

**IMPORTANT NOTE** - Individual products are never guaranteed points due to the varying requirements within each credit. For further information regarding LEED and green building programs, as well as the requirements necessary to accrue points, please visit [www.usgbc.org](http://www.usgbc.org).