



# SUSTAINABILITY PRODUCT REPORT

Building a SUSTAINABLE future together



## Mapedrain 50

Extra High-Strength, High-Flow, Pre-Fabricated Drainage Composite

### PRODUCT SUMMARY

MAPEI Product Line(s)

Construction and Restoration Systems | Waterproofing Systems

Product Information

[Visit the Product Page](#)

### VOLATILE ORGANIC COMPOUNDS

|                                                                                   |                                                               |                                                           |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------|
|  | VOC Content                                                   | Not Applicable to Product Type                            |
|                                                                                   | Standard for VOC Content                                      |                                                           |
|                                                                                   | SCAQMD Ruling Product Type                                    |                                                           |
|                                                                                   | VOC Emissions Certification<br>CDPH Standard Method v1.2-2017 | <a href="#">SCS Global Services Indoor Advantage Gold</a> |

### MATERIAL INGREDIENTS

|                                                                                   |                                                                |               |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------|---------------|
|  | Material Ingredient Report<br>Pre-Checked for LEED   1,000 ppm | Not Available |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------|---------------|

### AVOIDANCE OF CHEMICALS OF HIGH CONCERN

|                                                                                     |                                                              |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------|
|  | <a href="#">Request Product-Specific Verification Letter</a> |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------|

### ENVIRONMENTAL PRODUCT DECLARATION

|                                                                                     |              |               |
|-------------------------------------------------------------------------------------|--------------|---------------|
|  | EPD Type     | Not Available |
|                                                                                     | Certified By |               |

### RECYCLED CONTENT

|                                                                                     |               |    |
|-------------------------------------------------------------------------------------|---------------|----|
|  | Post-Consumer | 0% |
|                                                                                     | Pre-Consumer  | 0% |

### SOCIAL HEALTH AND EQUITY

|                                                                                     |                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>DESIGN FOR FREEDOM</b> by grace farms<br>MAPEI products are made under fair labor conditions and support the communities involved in their products. MAPEI is committed to working toward equitable supply chains; our policies of supply chain practices conform to the Design for Freedom principles. |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### GREEN SQUARED

|                                                                                     |                                                                        |               |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------|
|  | Green Squared / ANSI A138.1-2011 v2 for<br>Tile Installation Materials | Not Available |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------|

## MAPEI'S GREEN PRODUCT CERTIFICATIONS CONTRIBUTIONS TO GREEN BUILDING CERTIFICATIONS

The credits summarized below are supported by direct links above to the corresponding sustainable attributes and certifications. Where no information is provided above, the product does not have the applicable sustainable attribute or certification.

### LEED VERSION 4/4.1

| CREDIT                                                                                                                                               | CREDIT CRITERIA                                                                                       | SUPPORTING SECTION [PAGE 1]    |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------|
| Materials & Resources (MR) credit (c)<br>Environmental Product Declaration                                                                           | Option 1: EPD<br>Option 2: Embodied Carbon/LCA Optimization                                           | Product does not meet criteria |
| MRc Sourcing of Raw Materials                                                                                                                        | Responsible Sourcing of Raw Materials                                                                 | Recycled Content               |
| MRc Material Ingredients                                                                                                                             | Option 1: Reporting<br>Option 2: Optimization                                                         | Product does not meet criteria |
| MR Regional Criteria                                                                                                                                 | 100% of products must be extracted, manufactured, and purchased within 100 miles of the project site. | Product does not meet criteria |
| Indoor Environmental Quality (IEQ) credit Low-Emitting Materials                                                                                     | VOC Content + SCAQMD Ruling<br>VOC Emissions + TVOC Range                                             | Volatile Organic Compounds     |
| MRpc112 Pilot Certified Multi-Attribute Products and Materials                                                                                       | Green Squared / ANSI A138.1-2011 v2 for Tile Installation Materials                                   | Product does not meet criteria |
| Project teams may pursue individual credits under either LEED v4 or LEED v4.1, regardless of the LEED version under which the project is registered. |                                                                                                       |                                |

### LEED VERSION 5

| MATERIALS & RESOURCES CREDIT                                   | CREDIT CRITERIA                                                     | SUPPORTING SECTION [PAGE 1]     |
|----------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------|
| MRc3 Low-Emitting Materials                                    | Flooring                                                            | Volatile Organic Compounds      |
| MRc4 Building Product Selection and Procurement                | Climate Health                                                      | Product does not meet criteria  |
|                                                                | Human Health                                                        | Product does not meet criteria  |
|                                                                | Ecosystem Health                                                    | Product does not meet criteria  |
|                                                                | Social Health and Equity                                            | LEED criteria under development |
|                                                                | Circular Economy                                                    | Recycled Content                |
| MRpc112 Pilot Certified Multi-Attribute Products and Materials | Green Squared / ANSI A138.1-2011 v2 for Tile Installation Materials | Product does not meet criteria  |

### LIVING BUILDING CHALLENGE 4.0

| IMPERATIVE                                                      | IMPERATIVE CRITERIA               | SUPPORTING SECTION [PAGE 1]                                      |
|-----------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------|
| 10. Healthy Interior Performance                                | CDPH Standard Method Compliance   | Volatile Organic Compounds                                       |
| 12. Responsible Materials                                       | Ingredients Disclosure            | Product does not meet criteria                                   |
| 13. Red List                                                    | Avoidance of Chemicals of Concern |                                                                  |
| 12. Responsible Materials and/or<br>15. Living Economy Sourcing | Manufacturing Locations           | <a href="#">Request Project-Specific Manufacturing Locations</a> |

### THE WELL BUILDING STANDARD VERSION 2

| FEATURE                          | FEATURE CRITERIA                             | SUPPORTING SECTION [PAGE 1]    |
|----------------------------------|----------------------------------------------|--------------------------------|
| Materials (X)06 VOC Restrictions | Part 1: Limit VOCs from Wet-Applied Products | Volatile Organic Compounds     |
| X07 Materials Transparency       | Part 1: Products with Disclosed Ingredients  | Product does not meet criteria |
| X08 Materials Optimization       | Avoidance of Chemicals of Concern            |                                |

### MINDFUL MATERIALS COMMON MATERIALS FRAMEWORK

| IMPACT AREA            | SUB-IMPACT CRITERIA    | SUPPORTING SECTION [PAGE 1]                              |
|------------------------|------------------------|----------------------------------------------------------|
| Human Health           | Substances             | Product does not meet criteria                           |
|                        | VOCs                   | Volatile Organic Compounds                               |
| Climate Health         | Embodied Carbon        | Product does not meet criteria                           |
|                        | Company Carbon Impact  | <a href="#">MAPEI Global Sustainability Report</a>       |
| Circular Economy       | Sourcing               | Product does not meet criteria                           |
|                        | End of Life            | Product does not meet criteria                           |
| Social Health & Equity | Company Workplace      | <a href="#">MAPEI Global Sustainability Report</a>       |
|                        | Supply Chain (Product) | <a href="#">MAPEI's Design for Freedom Questionnaire</a> |
| Ecosystem Health       | Environmental Impacts  | Product does not meet criteria                           |