



SUSTAINABILITY PRODUCT REPORT

Building a SUSTAINABLE future together




Mapefer™ 1K

Corrosion-Inhibiting Coating for Reinforcing Steel


Product Summary

| | |
|-----------------------|---|
| MAPEI Product Line(s) | Concrete Restoration Systems/ Products for Structural Strengthening |
| Product Information | Link to Product Page |


Volatile Organic Compounds

| | | |
|---|-----------------------------|---|
|  | VOC Content | See TDS on Product Page. |
| | Standard | SCAQMD Rule #1113 |
| | Product Type | Corrosion Protection |
| | VOC Emissions Certification | SCS Global Services Indoor Advantage Gold |


Material Ingredient Reporting

| | | |
|---|---|----------------|
|  | Material Ingredient Report | Not Applicable |
| | For additional material ingredient information that is not shown on the table above, contact us at sustainability_USA@mapei.com . | |

Red List Free

| | | |
|---|---|--|
|  | Red List Letter | Request a project-specific Red List Letter |
| | Applicable for Living Building Challenge projects. Not applicable for LEED projects. | |

Environmental Product Declaration (EPD)

| | | |
|---|----------------------|--------------------------------------|
|  | EPD Program Operator | EPD International AB |
| | EPD Type | Product-Specific EPD |

Recycled Content

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

Regional Criteria

| | | |
|---|--|---|
|  | Extraction Locations | Not Available |
| | Manufacturing Locations Not applicable for LEED projects. | Request Manufacturing Locations |

Green Squared Certification

| | | |
|--|---|----------------|
|  | Green Squared / ANSI A138.1-2011 v2 for Tile Installation Materials | Not Applicable |
|--|---|----------------|

MAPEI's Green Product Certifications Contribute to Green Building Certifications

| | |
|--|-----------|
| LEED v4/4.1 MR credit: Environmental Product Declarations (EPDs) - Option 1 | ✓ |
| LEED v4/4.1 MR credit: Sourcing of Raw Materials - Recycled Content | |
| LEED v4/4.1 MR credit: Material Ingredients - Option 1; 3 rd -Party Verified (with 1.5 products under v4.1) | |
| LEED v4/4.1 IEQ credit: Low-Emitting Materials | ✓ |
| LEED v4/4.1 Innovation credit: Certified Multi-Attribute Products and Materials – Green Squared | |
| Living Building Challenge Health + Happiness Imperative 10 Healthy Interior Performance | ✓ |
| Living Building Challenge Materials Imperative 12 Responsible Materials | |
| Living Building Challenge Materials Imperative 13 Red List | Ask MAPEI |
| Living Building Challenge Materials Imperative 15 Living Economy Sourcing | Ask MAPEI |
| WELL v2 X06 Materials Feature VOC Restrictions | ✓ |
| WELL v2 X07 Materials Feature Materials Transparency – Part 1; Part 3 | |
| WELL v2 X08 Materials Feature Materials Optimization – Part 1 | Ask MAPEI |

Optimized Product Impact Areas

| | |
|------------------------|---|
| Human Health | ✓ |
| Climate Health | ✓ |
| Ecosystem Health | |
| Social Health & Equity | ✓ |
| Circularity | ✓ |

