



# 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   | <a href="#">Link to Product Page</a>                                |

### Volatile Organic Compounds

|                                                                                     |                             |                                                           |
|-------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------|
|  | VOC Content                 | See TDS on Product Page.                                  |
|                                                                                     | Standard                    | SCAQMD Rule #1113                                         |
|                                                                                     | Product Type                | Corrosion Protection                                      |
|                                                                                     | VOC Emissions Certification | <a href="#">SCS Global Services Indoor Advantage Gold</a> |

### Material Ingredient Reporting

|                                                                                     |                                                                                                                                                                                     |                |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|  | Material Ingredient Report                                                                                                                                                          | Not Applicable |
|                                                                                     | For additional material ingredient information that is not shown on the table above, contact us at <a href="mailto:sustainability_USA@mapei.com">sustainability_USA@mapei.com</a> . |                |

### Red List Free

|                                                                                     |                                                                                         |                                                            |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------|
|  | Red List Letter                                                                         | <a href="#">Request a project-specific Red List Letter</a> |
|                                                                                     | Applicable for Living Building Challenge projects.<br>Not applicable for LEED projects. |                                                            |

## Environmental Product Declaration (EPD)

|                                                                                   |                      |                                      |
|-----------------------------------------------------------------------------------|----------------------|--------------------------------------|
|  | EPD Program Operator | EPD International AB                 |
|                                                                                   | EPD Type             | <a href="#">Product-Specific EPD</a> |

## Recycled Content

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

## Regional Criteria

|                                                                                   |                                                              |                                                 |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------|
|  | Extraction Locations                                         | Not Available                                   |
|                                                                                   | Manufacturing Locations<br>Not applicable for LEED projects. | <a href="#">Request Manufacturing Locations</a> |

## 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 <sup>rd</sup> -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            | ✓ |

