

EPS[®] 2103

For EIFS (exterior insulated finishing system) applications, EPS[®] 2103 is an excellent choice to use as a modifier/additive for cementitious base coats and as the binder for finish coats. For concrete admixture applications, EPS[®] 2103 imparts increased flexibility and decreased permeability to the system.

PROPERTIES

- **EIFS applications**
 - Excellent dirt pickup resistance (DPUR)
 - Good flexibility
 - Good water resistance
 - Excellent yellowing and chalking resistance
 - Good color fastness
- **Concrete Admixture Applications**
 - Excellent alkali stability
 - Reduces permeability of cement matrices
 - Improves flow of cement-based systems
 - Increases strength, flexibility and durability
 - Low odor

Specifications

| | |
|---------------|-------------|
| Weight Solids | 46.5 ± 0.7% |
| Weight/Gallon | 8.80 ± 0.10 |
| pH | 8.5 - 9.5 |

Typical Properties

| | |
|---------------|--------------|
| Volume Solids | 43.50 ± 0.7% |
| MFFT | 5-9° C |

Questions? Call EPS Customer Service @ 1-800-654-4242 / Email: info@eps-materials.com

2/3/2022

TECHNICAL SUPPORT: These guidelines are offered to assist the paint formulator in achieving the high performance properties noted and are offered for illustration purposes only; the paint formulator bears sole responsibility for the performance of the final coating product.

SDS: For details on health, safety and handling information, Safety Data Sheets (SDS) are available at www.epscca.com.

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Suggested Formulation

Starting Point EIFS Base Coat Formulation

| Dry Premix | % by Weight | Supplier |
|---------------------------|---------------------|----------|
| Portland Cement Type I/II | 20.8 | |
| 70-100 Mesh Sand | 59.9 | |
| Bermocol E 481 FQ | 0.1 | Nouryon |
| Latex premix | | |
| | % by Weight | |
| EPS 2103 | 18.6 | EPS |
| Water | 0.5 | |
| BYK 022 | 0.1 | BYK |
| <u>Total</u> | <u>100.0</u> | |

Instructions

- Combine dry ingredients and mix well
- In a separate container, combine wet ingredients and start mixing
- Add dry premix to wet slowly under good mixing
- Mix for 3-5 minutes
- add additional water to reach the desired consistency

Formulation Parameters

| | |
|-------------------------------|--------|
| Polymer / Cement ratio | 0.42 |
| Water / Cement ratio | 0.50 |
| Sand / Cement ratio | 2.88 |
| Volume % Polymer | 16.1 % |

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