

SALES SPECIFICATION

Waterproofing Acrylic Emulsion

Product Information

Chemical name: Styrene-Acrylic Copolymer Emulsion
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CAS N°: Click or tap

Product name: Waterproofing Acrylic Emulsion
here to enter text.

HS code: Click or tap

General description

Waterproofing Acrylic Emulsion is a high-performance styrene-acrylic copolymer emulsion used to improve water resistance, adhesion, and flexibility in cementitious applications. It serves as a waterproofing additive or coating component for concrete surfaces, plaster, and masonry.

Properties

Property	Value
Name	Waterproofing Acrylic Emulsion
Visual Appearance	Milky Emulsion
Solids Content	45% ± 2%
Specific Gravity	1.03 – 1.05
pH	8.5 – 9.5
Freeze-Thaw Stability	5 Cycles

Recommended Applications:

1. Cementitious Composition:

Mixing Ratio:

- Emulsion: 10 parts
- Water: 100 parts
- Pre-blended Siliceous Sand: 200 parts
- Cement: 100 parts

Instructions:

Blend emulsion into water, then slowly add the sand-cement mixture while stirring. Adjust consistency with additional water if required. Apply on pre-cleaned surfaces and cure using standard methods.

2. Waterproofing Slurry:

Mixing Ratio:

- Emulsion: 2.5 kg
- Water: 2.5 kg
- White Cement: 50 kg

Instructions:

Mix emulsion and water, then slowly add cement to form a uniform slurry. For enhanced water resistance, apply a thin coat of the emulsion directly on the substrate before applying the slurry.

Storage and handling:

- Store in a cool, dry, frost-free place
- Avoid direct sunlight and freezing
- Mix thoroughly before use
- Shelf life: 12 months in unopened containers