

Definition

Cementitious waterproofing is a cement-based coating applied to concrete or masonry to prevent water penetration.

Types

- Rigid cementitious
- Polymer-modified cementitious
- Flexible 2 component
- Crystalline cementitious

Advantages

- Strong bond with concrete
- Easy brush/trowel application
- Breathable
- Suitable for potable water

Limitations

- Low flexibility
- Crack movement limited
- Not UV stable if exposed

Applications

- Water tanks
- Basements
- Wet areas
- Foundations

Installation

1. Surface cleaning and repair
2. Damp substrate
3. Mix components
4. Apply 2 coats crosswise
5. Cure and protect