



**KINGKRETE**  
We Create Future

KingKrete · Adhesives & Mortar Systems  
Cementitious Adhesive System

# KingInsulate® C500 System

Highly flexible cementitious adhesive base coat and protective top coat plaster for external wall insulating systems with high bond strength, impact and water resistance

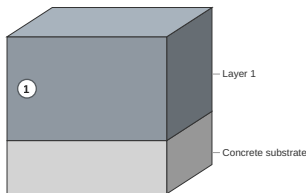
## KingInsulate C500

<b>Manufacturer</b>	KingKrete	<b>Resin Base</b>	Cementitious
<b>System Reference</b>	AD-CT-C500	<b>No. of Layers</b>	1
<b>System Type</b>	Highly flexible cementitious adhesive base coat and protective top coat plaster for external wall insulating systems with high bond strength, impact and water resistance		
<b>Document</b>	System Information Sheet · Issue 01.2026 · V1.0		

### 1. SYSTEM OVERVIEW

KingInsulate C500 is a cementitious adhesive specially designed to be used for permanent fixing of thermal insulation boards to a wide range of substrates including concrete, and masonry. KingInsulate C500 is also designed for use as a protective mortar providing a durable layer for insulation boards that is suitable to receive several types of decorative finishes.

### 2. SYSTEM BUILD-UP



NO.	COMPONENT / LAYER	FUNCTION
1	KingInsulate C500	Cementitious system layer
-	Concrete substrate	Prepared base (shot-blast / grind)

Indicative system cross-section

### 3. TYPICAL APPLICATIONS

rf: For permanent fixing of mineral wool boards to walls and roofs

rf: Provides a strong and smooth layer over thermal insulation boards

System overview and applications summarised from the individual product Technical Data Sheets (TDS). Refer to the relevant KingKrete product TDS and Safety Data Sheets for complete specifications, mixing, coverage and application details.

