

KA Tanking Slurry – Grey

25kg

Technical Data Sheet | Product Code: 139057 | Product Type: Cementitious Waterproof Coating | Pack Size: 25kg Bag

Product Summary

Professional two-coat cementitious tanking slurry for waterproofing masonry, concrete and render in domestic, commercial and specialist water-retaining applications.

Key Information

Coverage: approx. 8m² per 25kg pack, applied in two coats

Application: block brush or masonry brush

Finish: grey cementitious coating

1. Product Description

KA Tanking Slurry is a **high-performance cementitious waterproof coating** designed to protect brickwork, blockwork, concrete and render from **damp, moisture penetration** and **water ingress**.

Once mixed with clean water and applied in two coats, the product forms a **dense**, durable **waterproof barrier** that bonds to mineral substrates. It is suitable for domestic, DIY and professional applications where a reliable cement-based tanking system is required.

2. Suitable Uses

KA Tanking Slurry is ideal for waterproofing:

Domestic & DIY

- Basements & cellars
- Wet rooms & shower areas
- Utility rooms
- Outbuildings & garages
- Damp masonry before plastering
- Floors before levelling compound

Structural & Trade

- Below-ground walls
- Retaining walls
- Lift pits

- Concrete tanks
- Foundations

Water-Holding Structures

- Garden ponds (concrete/rendered)
- Swimming pool shells before tiling
- Potable-water tanks

Specialist Protection

- Radon-resistant waterproofing layers
- Crystalline reactivation on future water contact

3. Packaging Advantages

Supplied in a 25kg pack for:

- Efficient handling on trade, project and larger domestic jobs
- Reduced pack changes on larger applications
- Suitable for mixing in a clean bucket or mixing vessel
- Convenient coverage for walls, floors, tanks and below-ground structures
- Professional pack size for DIY and trade use

4. Coverage

Two coats are required for full waterproofing.

Approximate coverage:

- 25kg = approx. 8m² (two coats)

Typical usage examples:

- Small shower area: **1 pack**
- Utility room wall section: **1 pack**
- Full basement wall (10–12m²): **2 packs**
- Small garden pond: **1–2 packs**
- Swimming pool walls: **2–5 packs**
- Potable-water tank: **1–2 packs**

Coverage varies with surface texture, porosity and application thickness.

5. Key Features and Benefits

Performance

- Strong adhesion to brick, block, concrete and render
- Two-coat system for long-term protection
- Crystalline waterproofing action
- Grey finish ideal for hidden or tiled areas
- Reactivates when exposed to moisture

Safety & Certification

- **WRAS-approved for potable water (BS6920:2002)**
- **Radon-resistant — tested for gas-tightness**
- Non-tainting and safe for water-holding structures

Ease of Use

- Mixes easily with clean water
- Applies with a standard block brush
- Suitable for DIY and trade
- Supplied in a professional 25kg pack

Customer Confidence

- **4.8 rating from 77 reviews**
- Trusted by tradespeople and homeowners

6. Surface Preparation

Before applying KA Tanking Slurry:

- Remove loose material, dust, paint and weak coatings
- Repair cracks or holes where necessary
- Ensure the surface is sound and stable
- Lightly dampen the surface — do not leave standing water
- Prime dusty or weak surfaces with **KA Bond SBR**

7. Mixing Instructions

1. Open the bucket
2. Add clean water gradually
3. Mix until a smooth, brushable slurry is achieved
4. Avoid adding too much water — aim for a thick, creamy consistency

Recommended tools

- Paddle mixer
- Masonry whisk
- Hand tool for small areas

8. Application Instructions

First Coat

- Apply firmly with a block brush
- Work the slurry into the surface
- Cover all areas evenly

Second Coat

- Apply once the first coat has firmed up (typically 2–4 hours)
- Brush at **right angles** to the first coat
- Ensure full, even coverage

Curing

- Allow to cure fully before tiling, plastering, rendering or painting
- For ponds, pools and potable-water tanks: **Allow full cure before filling with water**

9. Technical Performance Data

Property	Typical Value
Appearance	Grey powder
Pack Size	25kg pack
Product Type	Cementitious waterproof coating
Mixing Requirement	Add clean water gradually until a smooth, brushable slurry is achieved
Coverage	Approx. 8m ² per 25kg pack when applied in two coats
Application Method	Block brush or masonry brush
Coats Required	Two coats
Suitable Substrates	Brick, blockwork, concrete and render
Finish	Grey cementitious finish
Potable Water Suitability	WRAS-approved for potable water applications to BS 6920:2002, where stated certification applies
Radon Resistance	Radon-resistant waterproofing layer where installed as part of a suitable specification
Cure Time	Varies depending on temperature, humidity, ventilation and substrate conditions
Shelf Life	12 months when stored unopened in cool, dry conditions

10. Recommended Accessories

- KA Bond SBR (1L or 5L) — improves adhesion & flexibility
- Mixing bucket
- Block brush / masonry brush
- Protective gloves
- KA Deep Fill Leveller (optional for floors)
- KA Bonding Slurry (optional for plastering afterwards)
- KA Fillet Seal (for pond/pool/tank wall–floor junctions)

11. Storage and Shelf Life

- Store in a cool, dry place
- Keep the pack sealed and protected when not in use
- Protect from frost
- Shelf life: **12 months** in original unopened packaging

12. Health and Safety

- Wear gloves and eye protection
- Avoid inhaling dust
- Wash splashes from skin immediately
- Keep out of reach of children
- Refer to SDS for full safety details

Important: Always read the product packaging and Safety Data Sheet before use. The information in this Technical Data Sheet is provided as general guidance and does not replace site-specific assessment, professional judgement, installation to a suitable specification, or compliance with relevant building regulations and product certification requirements.