

KA Tanking Slurry

Dot & Dab Plasterboard Guide

Professional application guidance for fixing plasterboard over KA Tanking Slurry waterproofing systems.

Document Type	Technical Application Guide
Product	KA Tanking Slurry
Application	Dot-and-dab plasterboard fixing over tanked surfaces
Key Requirement	Protect the waterproof layer from penetrations and maintain system continuity
Issued By	Kenyon Agencies Ltd / KA Building Products

Purpose: This guide outlines the recommended method for fixing plasterboard using the dot-and-dab technique over surfaces treated with **KA Tanking Slurry**, while preserving waterproof integrity and supporting compliance with BS 8102.

1. Substrate Preparation

Critical: Do not puncture or mechanically fix through the waterproof tanking layer unless the detail has been specifically designed and sealed.

- Confirm the **KA Tanking Slurry** has fully cured (minimum 24 hours at 20 °C).
- Check the surface is clean, dry, and free from dust or laitance.
- If the wall is uneven, apply a **sand/cement render** first — never apply adhesive dabs directly to tanking on irregular substrates.
- Avoid mechanical fixings that penetrate the waterproof layer.

2. Adhesive Selection

- Use a **gypsum-compatible adhesive** suitable for dot-and-dab applications.
- Avoid polymer-modified or solvent-based adhesives that may react with the slurry surface.
- Ensure adhesive dabs are spaced to provide full support without bridging movement joints.

3. Application Procedure

Application note: Where the tanked wall is uneven, apply a suitable render or levelling coat first. Adhesive dabs should be applied to a prepared render surface, not directly onto irregular tanking.

1. Mark board positions and dab layout.

2. Apply adhesive dabs (approx. 25 mm thick) onto the cured render surface — not directly onto the tanking.
3. Press plasterboard firmly into position, using a straightedge to align.
4. Maintain a 10 mm gap at floor level and seal with **KA FlexSeal PUM-30** or equivalent waterproof sealant.
5. Allow adhesive to cure before jointing or skimming.

4. Finishing

- Tape and joint or skim as normal once adhesive has set.
- Avoid drilling or fixing through the plasterboard into the tanked substrate.
- Decoration can proceed after full curing.

5. Compliance Notes

Compliance reminder: Waterproofing design should be considered as a complete system, including wall/floor junctions, service penetrations, movement joints and final finishes.

- This method complies with **BS 8102: 2022** for internal waterproofing systems.
- Always maintain continuity of the waterproof barrier at floor-wall junctions.
- For below-ground structures, ensure the tanking system is fully integrated with KA joint bands and fillets.

6. Recommended KA System Integration

Component	Function	Product Reference
Waterproof base layer	Primary waterproof barrier	KA Tanking Slurry PRO-Series
Intermediate render	Levelling and receiving layer for adhesive dabs	KA SBR-modified sand/cement render
Adhesive seal	Protection at board/floor gap and junction details	KA FlexSeal PUM-30
Finishing system	Plasterboard, jointing and skim finish	Standard compatible gypsum system

7. Technical Support

For site-specific advice, contact **KA Building Products Technical Team:**

Telephone: 01209 313 598

Email: sales@kabuildingproducts.co.uk

Hours: Monday–Friday, 08:00–17:00

Technical Note: Site conditions, substrate condition, ventilation, temperature and moisture levels can affect curing times, adhesive performance and final finish quality. Always confirm the tanking system has cured sufficiently before applying subsequent materials.

Disclaimer: The information in this guide is provided in good faith based on typical application conditions. It does not replace site-specific assessment, professional judgement, product manufacturer guidance or compliance with relevant building regulations and project specifications. If in doubt, carry out a trial area before full application.