CONSTRUCTION METHOD STATEMENT

Wall crack repair

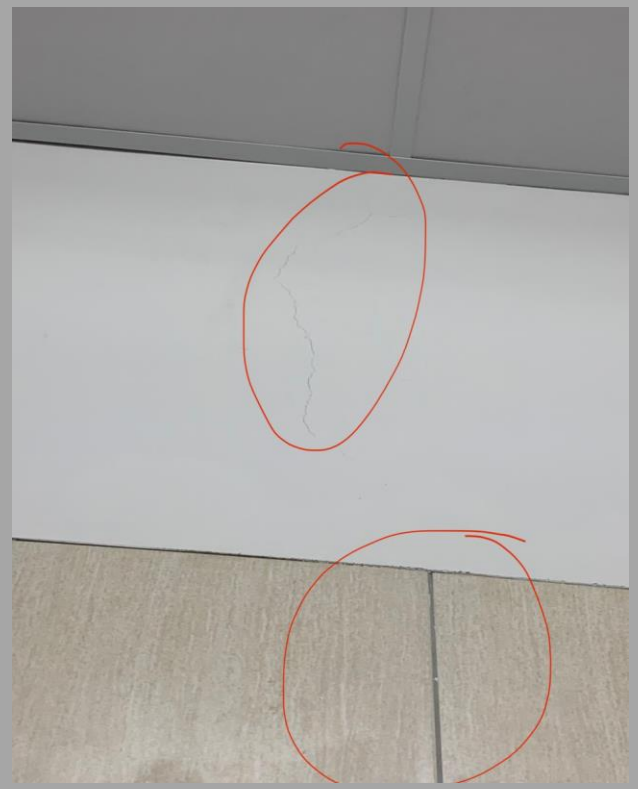
Fixing cracks in 6 steps

Fixing cracks in 6 steps

Step 1/6: Site check, crack classification

Check cracks to categorize them:

- Cracks between concrete column – brick wall
- Cracks within brick wall
- Cracks between materials of different kinds (difference contraction/expansion factors etc, before using a certain method of crack repair



Fixing cracks in 6 steps

Step 2/6. Crack chambering, cleaning and priming

- Chamfer/cut cracked joint in V shape, about 5mm wide x 10mm deep using knife or hand-cutting machine. Size of chamfering depends on crack size
- Cleaning using brush, then apply primer

Fixing cracks in 6 steps

Step 3/6. Apply MS sealant

Once primer is touch-dried, apply MS sealant AS4001S – white color.

This MS sealant can accommodate +-50% movement and secure excellent bonding, paintable, permit application of Nitto Tape NO.6931 onto it.

Fixing cracks in 6 steps

Step 4/6. Apply Nitto butyl tape No.6931

Apply No. 6931 tape on dried MS sealant to accommodate movement and permit plastering and painting later on.

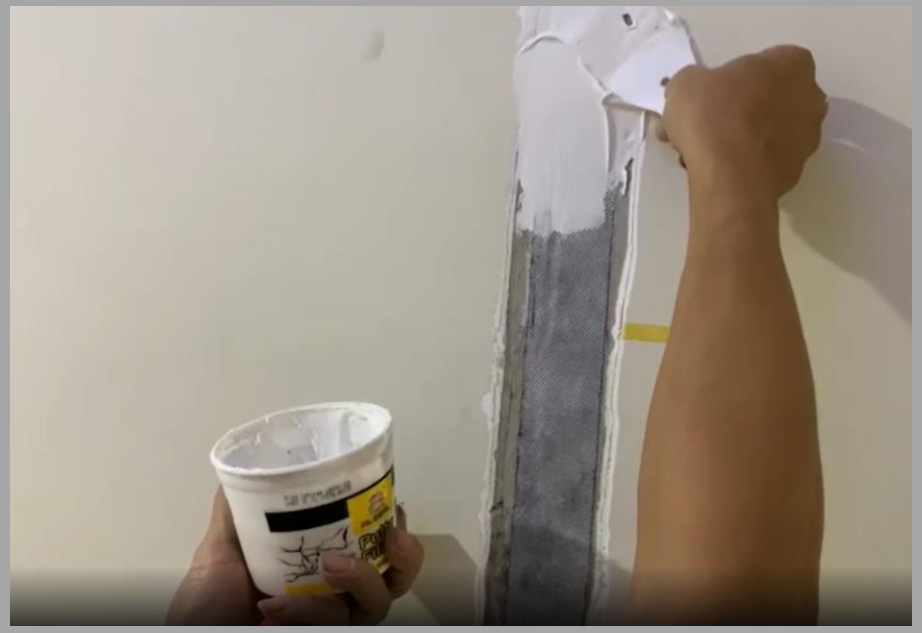
No. 6931 is a self-adhered, waterproofing airtight tape designed for sealing building joint areas. This product has a butyl rubber adhesive that offer superior adhesion durability

Fixing cracks in 6 steps

Step 5/6. Apply putty filler AS1240

After applying No. 6951 tape, plaster using putty filler (crack filler) AS1240, about 1-2mm onto the tape NO.6951

Plaster in 1-3 coats.



Putty Filler is an easy-to-use multi-purpose filler specially formulated to fill cracks and gaps in a single application. It has virtually no shrinkage and is smooth and durable. It is paintable with oil and water based paints.

Filling cracks and holes on surfaces without any structural movements (walls, ceilings, doors, windows, etc.)

Fixing cracks in 6 steps

Step 6/6. Sanding and paining

Once the putty filler plaster is dried, sanding, and painting over using acrylic elastic paint of same color as adjacent areas.

Prepared by VTS
For guiding purpose only.