

Technical Datasheet



ProFil 409

Polymer Enhanced Slurry
for Rapid Pothole Repair

Technical Data (25°C)

Form

100% Dark Grey Powder

Density

2200 kg/m³

Setting Time

Setting Time \leq 30min

Working Time

Working Time \leq 10 min

Compressive Strength

@ 2 hours	≥ 15 N/mm ²
@ 1 day	≥ 20 N/mm ²
@ 7 day	≥ 30 N/mm ²
@ 28 days	≥ 40 N/mm ²

** Product test report is available
upon request.*

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Description

ProFil 409 is formulated with special cementitious binders, polymer and chemical additives. It is ideal for quick road repair, especially in filling potholes to enable safe traffic travel.

Uses

- **ProFil 409** is ideal for rapid pothole repair.
- **ProFil 409** is suitable for quick repair of both asphalt and concrete roads.

Advantages

- Premixed to ensure good consistency.
- Rapid hardening & high early strength.
- Good resistance to abrasion.
- Short Downtime. Open to traffic in 2 hours.
- Easy to handle without need for bulky equipment.



Application Instruction

Preparation

Remove any dust, loose particles, unsound material from the pothole or area to be repaired. Wet the substrate but do not leave ponding water.

Mixing Method

Manual mixing is sufficient for small repair using 1-2kg **ProFil 409**. For larger quantity mix, a mechanical mixing device is preferred. Into a clean mixing container, pour 550ml – 620ml of water, then add 5kg of **ProFil 409**. Mix thoroughly until a smooth, lump free slurry is obtained.

DO NOT use excessive amount of water as it will reduce strength of the product.

Placement

Without delay, place **ProFil 409** at the repair area. Compact if necessary, level with a trowel or flat-surface tool.

Curing

Protect the repaired area with wet gunny sack, keeping the surface moist for at least 2 hours.

Cleaning

Remove uncured **ProFil 409** from tools and equipment with water immediately after application.

Hardened material can only be removed mechanically.

Packaging

ProFil 409 is available in 5kg and 10kg bags.

Coverage

Pothole of 10cm x 10cm x 50mm requires approx 1 kg of **ProFil 409**.

Shelf life

Stored in unopened original packaging protected from direct sunlight and moisture, shelf life is six months.

Handling Precautions

- Avoid contact with skin and eyes.
- Wear protective gloves and eye protection during work.
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.