

ProSec 203

Polymer Modified Mortar
for Repair and Corrosion
Protection of Sewerage
Systems

Technical Data (25°C)

Form

100% Grey Powder

Compressive Strength

@ 6 hours	≥ 10 N/mm ²
@ 1 day	≥ 20 N/mm ²
@ 7 days	≥ 30 N/mm ²
@28 days	≥ 60 N/mm ²

Flexural Strength

@ 1 day	≥ 4 N/mm ²
@28 days	≥ 6 N/mm ²

** Product test report is available
upon request.*

Description

ProSec 203 is a polymer modified mortar for quick road repair and protecting / rehabilitating sewer structures. The mortar gains good strength within 4-6 hours. The mortar has good abrasion resistance, mild acid resistance and is easy to handle.

Uses

- **ProSec 203** is suitable for rehabilitating sewer / wastewater structures.
- **ProSec 203** protects structures against mildly acidic environment.
- **ProSec 203** is ideal as a rapid repair to roads, carparks, bus bay, etc.

Advantages

- Premixed to ensure good consistency.
- High early and ultimate strength.
- Good resistance to abrasion.
- Short Downtime.



Application Instruction

Preparation

Clean the surface and remove any dust, unsound material, oil, paint, grease, corrosion deposits, etc.

Mixing Method

Mechanical mixing is necessary. Into a clean mixing container, pour 3 – 3.5 litres of water, add 25kg of **ProSec 203** slowly. Mix thoroughly until a smooth, lump free consistency is obtained.

Placement

ProSec 203 is applied by hand trowelling.

Curing

Suitable curing methods such as wet mist spray, liquid curing membrane, etc. must be used to protect freshly applied **ProSec 203** from the drying effects of sun and wind.

Cleaning

Remove uncured **ProSec 203** from tools and equipment with water.

Hardened material can only be removed mechanically.

Packaging

ProSec 203 is available in 25kg bags or 1MT bulk bag.

Coverage

Approximately 2200kg to 2400kg per m³ of **ProSec 203**.

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.

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