## **Technical Datasheet**



### ProSec 905

High Strength Polymer Modified Cementitious Topping Grout

# Technical Data (25°C)

#### **Form**

100% Grey Powder

#### **Density**

2100 -2250 kg/m<sup>3</sup>

#### **Compressive Strength**

@ 1 day  $\geq$  40 N/mm<sup>2</sup> @ 7 days  $\geq$  80 N/mm<sup>2</sup> @28 days  $\geq$  100 N/mm<sup>2</sup>

#### **Flexural Strength**

@28 days  $\geq$  6 N/mm<sup>2</sup>

## Setting Time (BS EN196-3: 1995)

Initial Set  $\geq$  60 mins Final Set  $\leq$  600 mins

#### **Description**

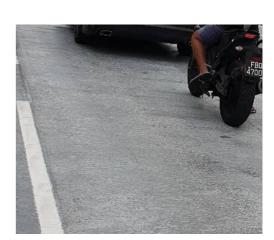
**ProSec 905** is a ready mixed, high strength polymer modified cementitious grout for use in Semi-Rigid Pavement System (or Cement Grouted Bituminous Mix).

#### Uses

• **ProSec 905**'s key application as topping grout for porous asphalt.

#### **Advantages**

- Premixed to ensure good consistency.
- Minimum downtime.
- High early and ultimate strength.
- Good flowability.
- Chloride free.



#### **Application Instruction**

#### **Mixing Method**

Mechanical mixing is necessary. Into a clean mixing container, pour 5-6.5 litres of water, add 25kg of **ProSec 905** slowly. Mix thoroughly until a smooth, lump free consistency is obtained.

Leave to rest for 2-3 minutes and re-stir for another 2-3 minutes.

#### **Placement**

**ProSec 905** should be placed within 30 minutes after mixing. The grout is pumped onto the asphalt and worked into the surface manually or with a tractor fitted with rubber scraper.

#### Curina

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

Curing must start immediately after placement.

#### Cleaning

Remove uncured **ProSec 905** from tools and equipment with water.

Hardened material can only be removed mechanically.

#### **Packaging**

**ProSec 905** is available in 25kg bags or 1MT bulk bag.

#### Coverage

Approximately 23.5kg/m<sup>2</sup> - 25kg/m<sup>2</sup> of **ProSec 905** @ 50mm thick for asphalt at porosity of 25%.

#### Shelf life

Stored in unopened original packaging protected from direct sunlight and moisture, shelf life is nine 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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<sup>\*</sup> Product test report is available upon request.