

POLY QUARTZITE 103

AMORPHOUS MINERAL WATERPROOFING CONCRETE ADHESIVE AND FLOOR HARDENER

DESCRIPTION

Poly Quartzite 103 is an ultrafine powder amorphous mineral base Non-Metallic Floor Hardener and Waterproofer.

Poly Quartzite 103 when introduced into concrete will fill up the fine voids which exist between the aggregate matrix. The chemicals in **Poly Quartzite 103** are the key elements that provide protection against moisture and water pressure. It penetrates the concrete through the process of osmosis forming crystalline and sealing off all concrete pores trapped with water.

ADVANTAGES

- Floor is permanent hard-wearing and high strength surface resistant to abrasion, dust free.
- Waterproof concrete structures.
- Watertight layer as crystalline form and remaining active in the presence of water.
- Can withstand hydrostatic pressure of up to 9 metres of water head.

TYPICAL USES

Used as waterproof additive with Standard Hardener

in concrete structures such as :-

- Reservoirs
- Car Park Deck
- Concrete Platforms
- Basement Slabs
- Tanking Pits
- Sewerage Plants
- Water Treatment Plants
- Damp

Poly Quartzite 103 is recommended for use on concrete floors of both interiors and exteriors, especially for floors that are constantly in contact

with water or dampness and those which are subject to various kinds of abrasion.

APPLICATION METHODS

Poly Quartzite 103 should be applied only after all bleeding has ceased and after removal of bleed water, application should only commence when the concrete can bear the weight of a person standing on it.

Poly Quartzite 103 is applied monolithically over freshly floated and leveled concrete in Two(2) operations. The first shake consists of 2/3 the total quantity specified. Float the shake on concrete adjacent to wall, forms and columns as soon as possible. Proceed similarly to the overall areas. Immediately after the floating of the First shake, apply the remaining 1/3 quantity and spread the **Poly Quartzite 103** evenly. Float and compact the surface with a mechanical trowelling machine to the desired finish.

COVERAGE

- 4kg / m² for normal application.
 - ✓ Basement Carpark
 - ✓ Garages

- 6kg / m² for severe hydrostatic pressure.
 - ✓ Elevator Shafts
 - ✓ Market Places
 - ✓ Wharfs
 - ✓ Industrial Floor

PACKAGING AND STORAGE

Available in 25kg pail.

Store in protected dry area.