

SCREEDBOND



DESCRIPTION

SCREEDBOND is a stabilised carboxylated synthetic rubber-acrylic elastomeric terpolymer waterborne liquid dispersion, which gives high bond strength and many other excellent qualities to mixes containing cement. It incorporates water retaining and reducing agents and dispersants. It has been formulated as a modifier for normal grey or white cement mixes.

FEATURES

- Improves adhesion to many surfaces, e.g. concrete, cement sheet, iron, tiles, bitumen, wood board and brickwork.
- Increases toughness, flexibility and resistance to heat ageing and movement caused by temperature differences.
- Gives excellent resistance against water and water vapour, salt penetration and improved protection against most chemicals except acids.
- **SCREEDBOND** cement mixes have good workability at low water cement ratios.
- **SCREEDBOND** cement can be applied in thin layers and diminishes dusting of the final concrete layer.

USES

SCREEDBOND used with various ratios of cement/aggregate mixes have multiple uses in many situations and since the surface preparation and applications vary over a wide range the following list may assist users to select the most suitable product data sheet or sheets for their particular use or problem:

- Waterproof screeds or renders with **SCREEDBOND** in the screed or render cement aggregate composition associated **SCREEDBOND**/cement slurry bonding coat.
- Waterproof coating with 3 coats of **SCREEDBOND**/cement slurry.

- Industrial flooring, floor screeds and toppings for use in food factories, fertiliser factories/floors and cold rooms. It can be used to form stair nosing mixes.
- Patching and repairing concrete.
- Repairs to concrete piles, jetties and sea walls.
- Excellent adhesive for polystyrene bead concrete insulation and for bonding gypsum hard wall plaster to concrete.
- Water-resistant adhesive for tiles and brick slips or an alternative to epoxy tile grouts in circumstances where there are no acids or solvents.
- Excellent anti-slip and anti-dusting coatings.
- Suitable for thin layer applications of screeds.

NOTE: Application guides for the various uses of **SCREEDBOND** modified cement mixes are provided separately.

SCREEDBOND GENERAL NOTES

Mixing procedures for mortars and screeds containing **SCREEDBOND** are virtually the same as for conventional compositions. The amount of water is reduced in the region of 20%. The colour of cement mixes incorporating **SCREEDBOND** will be a little darker than normal cement mixes. The mixing cycle with **SCREEDBOND**/cement/aggregate mixes is about 75% of the time for conventional mixes.

It is recommended for high levels (3.5 litres/20 kg cement) of **SCREEDBOND** in a mix, use a petal propeller with 3 to 4 leaves, in a slow revolving drill at 500-1000rpm. Mixing is done in a 10-20 litre plastic bucket. For lower addition levels (1-2 litres/20 kg cement) of **SCREEDBOND**, in a mix, mixing can be done by propeller in a slow revolving drill or a cement mixer.

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IDENTIFICATION
PAGE 1 of 2
ISSUE: JULY 2011
REF: SCBD

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Sharp clean aggregates and sands are recommended. They should be free of clay fines.

Aeration workability additives should NOT be used with **SCREEDBOND**. If hydrated lime or ground silicas are used in a mix, their use should be no more than an eighth part by volume (one twentieth part by weight) of the cement content in a cement: aggregate/sand mix.

All materials should be measured by weight if possible. If measuring materials by volume, ensure that they are well tamped in the measuring container.

STORAGE

SCREEDBOND should be stored in a covered, cool area. The lid should be replaced after each use.

CLEAN UP

Clean tools with water immediately after use. If **SCREEDBOND** hardens, remove with mineral turpentine or **MARCMOVE**.

PACK SIZES

SCREEDBOND is sold in packs of 1, 5, 10, 20 and 200 litres.

TRANSPORT

SCREEDBOND is not a hazardous good as defined by Safe Work Australia.

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