

SCREEDBOND



PREPARATION

The surface should be cleaned of oil, paint, dust, mould, algae, fungi, laitence, curing compounds, bitumens, coatings, paints and loose material. It must be sound and have no hidden laminations. For old or smooth trowelled and new concrete, acid etch with GLEAMCLENÉ diluted 1:4 with water. After the etching process (that is, 20 minutes) rinse with water and scrub with a stiff broom. All residues from the etching process must be removed. A high-pressure water-blaster is best for this job. Apply NEUTRA and after 10 minutes, water rinse while scrubbing or high-pressure clean. A wet vacuum cleaner may be necessary to remove watery residues in enclosed areas.

If acid etching is inconvenient, grind the floor with a mechanical disc grinder. Extract all dust residues to the outside while grinding. Water blast and wet vacuum until all dust traces are removed.

When a strip of packaging tape is firmly stuck onto the cleaned dry concrete surface and pulled away there should be no particles adhering to the tape sticky surface. If there is, more cleaning is necessary.

In some circumstances, acid etching and grinding may not etch sufficiently. If this is the case, use a scabblor or shot blaster to roughen the surface. Remove all residual dust before beginning to lay a topping.

MIXES

Mix 1 volume part (1.4 parts by weight) of cement into 1 part volume (1 part by weight) of SCREEDBOND to make a bonding prime slurry. A mix of 20 litres (28kg) cement to 20 litres SCREEDBOND will cover approximately 80m², depending on the surface condition. The pot life of the slurry is two hours. The mix ratios given need large paddle mixing equipment to mix the slurry. It is best to work and make slurry mixes at a quarter

of the ratios given above, that is, using 5 litres of SCREEDBOND and 5 litres of cement for an area of 20m².

APPLICATION

1. Dampen the concrete surface, without creating puddles or excesses of water.
2. Brush or broom the SCREEDBOND/cement slurry onto the dampened surface.

Allow to dry for at least 4 hours at 25 degrees celcius and 50% relative humidity.

When the first coat of SCREEDBOND/cement slurry has dried, repeat steps 1 & 2.

While the second coating of SCREEDBOND/cement is wet and free flowing, apply the concrete topping, cement render or thin screed

The SCREEDBOND/cement slurry has an open time of approximately 20 minutes when applied at 25 degrees celcius and 50% relative humidity. If toppings are not placed over the SCREEDBOND/cement slurry in the relative time frame, the SCREEDBOND/cement slurry should be allowed to dry. Another wet coat of SCREEDBOND/cement should then be applied.

Place the toppings and trowel finish as normal.

NOTE 1: Add 4-6 litres of SCREEDBOND to each bag (40kg) of cement in the render or topping screed mixes. This increases the bond and ease of working.

NOTE 2: For proprietary thin screed mixes, the addition of 1-2 litres of SCREEDBOND to 20kg mix again increases bond strength and workability.

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IDENTIFICATION
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SCREEDBOND



NOTE 3: A render mix is normally 1 part volume (1.4 parts by weight) of cement and 7 volumes (1.4 parts by weight) of plasterer's sand. Add 4 litres (4kgs) of SCREEDBOND per bag of cement in the render.

NOTE 4: A thin screed mix is normally 1 volume (1.4 parts by weight) of cement and 2.5-3 volumes (3.5-4.2kg parts by weight) parts of fine sand (0.5mm-0.3mm grain size).

CLEAN UP

Clean all equipment with water. If hard deposits occur, clean off with MARCMOVE.

PACK SIZES

SCREEDBOND: 20 and 200 litres.

STORAGE

Store SCREEDBOND in a cool dry place, under cover, between 5-30°C.

TRANSPORT

SCREEDBOND is not classified as a dangerous or hazardous good.

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