



BUILDERS CHOICE

Floor Screed (FS20)

DESCRIPTION

Builders Choice **Floor Screed** is a precisely manufactured blend of the highest quality cement and finely graded sands. Builders Choice **Floor Screed** just needs to be mixed with clean potable water and it's ready to go. The screed can be used to form and shape required floor surfaces. It can also take floor coverings and it can be waterproofed over. Builders Choice **Floor Screed** finishes to a hard, impact resistant surface that can be used internally and externally.

RECOMMENDED USES

Builders Choice **Floor Screed** is a pre-blended and convenient, replacement for bulk sand and cement mixing. It is suitable for both interior and exterior use.

APPLICATION

A slurry coat should be applied prior to the installation of Builders Choice **Floor Screed** using a wet on wet method. For the slurry coat use a liquid polymer additive with GP cement and brush over the area where the screed is to be installed.

Apply the mixed screed directly over the wet slurry coat.

When applying Builders Choice **Floor Screed** use a straight edge or timber screeding rod to obtain the desired even thickness. Finishing can then be done for a smoother appearance.

Additional precaution for curing is needed on hot and windy day. This can be done by using re-hydrating, wet Hessian cloth, plastics sheeting or the use of a suitable curing compound.

STRENGTH

In typical use a notional compressive strength of 25MPa @ 28 days can be reached. Field tests using a liquid polymer additive have achieved results of over 40Mpa.

ADVANTAGES

- Ready to use – just add water and mix
- Consistent formulation – no variation in formula
- Trafficable in 24 hours
- Can be tiled over in 5 days
- Depending on moisture test results, vinyl can normally be laid in 5 to 7 days.
- Cost effective – saves time and labour
- No need to deliver site sand
- Great for smaller and larger projects
- Convenient for multi room projects where just the right amount of bags can be placed in each room ready to use
- Practical for situations that may have weight restrictions within a room or in the lift

PERFORMANCE PROPERTIES

Is manufactured to a rigid standard to ensure consistent performance at all times. Builders Choice **Floor Screed** is manufactured under a third party certified and manufacturing and supply quality assurance system to AS/NZS ISO 9001 (NCS Certification No. QEC2955/04)

COVERAGE

One 20kg bag of Builders Choice **Floor Screed** will cover approximately 1.2m² at 10mm thickness. Coverage rates may vary depending on water addition, application technique, substrate preparation and coat thickness.

CURING

Builders Choice **Floor Screed** is self-curing and does not require any other treatment. Under normal conditions the screed is trafficable in 24 hours with an initial set time of 3 to 4 hours. Depending on weather conditions, allow a minimum of 3-5 days for the Builders Choice Floor Screed to dry before waterproofing can take place.

PACKAGING

Available in 20kg multi-walled paper sacks (Product code FS20)

SHELF LIFE

Up to 12 months in original packaging stored in a cool dry place. Do not place paper sacks in direct contact with ground or onto surfaces subject to drainage or condensation. Timber pallets or shelving are most suitable.

SUBSTRATE

New concrete should be at least 21 days old. The concrete substrate should have a surface profile that is suitable to provide a good mechanical key.

EQUIPMENT CLEANING

Clean all tools immediately after use with clean water. Hardened materials can be removed mechanically.

LIMITATIONS

Builders Choice **Floor Screed** should not be applied in temperatures above 36 degrees Celsius.

DISCLAIMER

The end-use of this product is beyond the manufacturer's control, and liability is restricted to the replacement of material proven to be faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage of this product.

The information contained herein is provided in good faith and to the best of our knowledge is true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for a particular application. Users are requested to check that the literature in their possession is of the latest issue.

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Cure	Trafficable 24 hours Tile 5 days Vinyl 5-7 days (if meets moisture test requirements)
Pot life	2 hours
Water demand	2 Litres per 20kg bag for a dry mix 3 Litres per 20kg bag for a wet mix
Spreading rate	1.2 m ² @ 10mm
Hardness	Compressive strength 25mpa Can be increased with the addition of a small amount of a liquid polymer additive
Adhesion	Pull off test, no loss of adhesion 98psi clay wall brick.
Health and Safety	Please consult the Material Safety Data Sheet (MSDS) and follow instructions on packaging carefully before use

BGC Cement
BGC (Australia) Pty Ltd
ABN 62 005 736 005 007

77 Vulcan Road Canning Vale Western Australia
PO Box 1408 Canning Vale WA 6970
Telephone (08) 9334 4555
Email: baggedcement@bgc.com.au
Website: www.builderschoice.com.au